

FIG. 2a

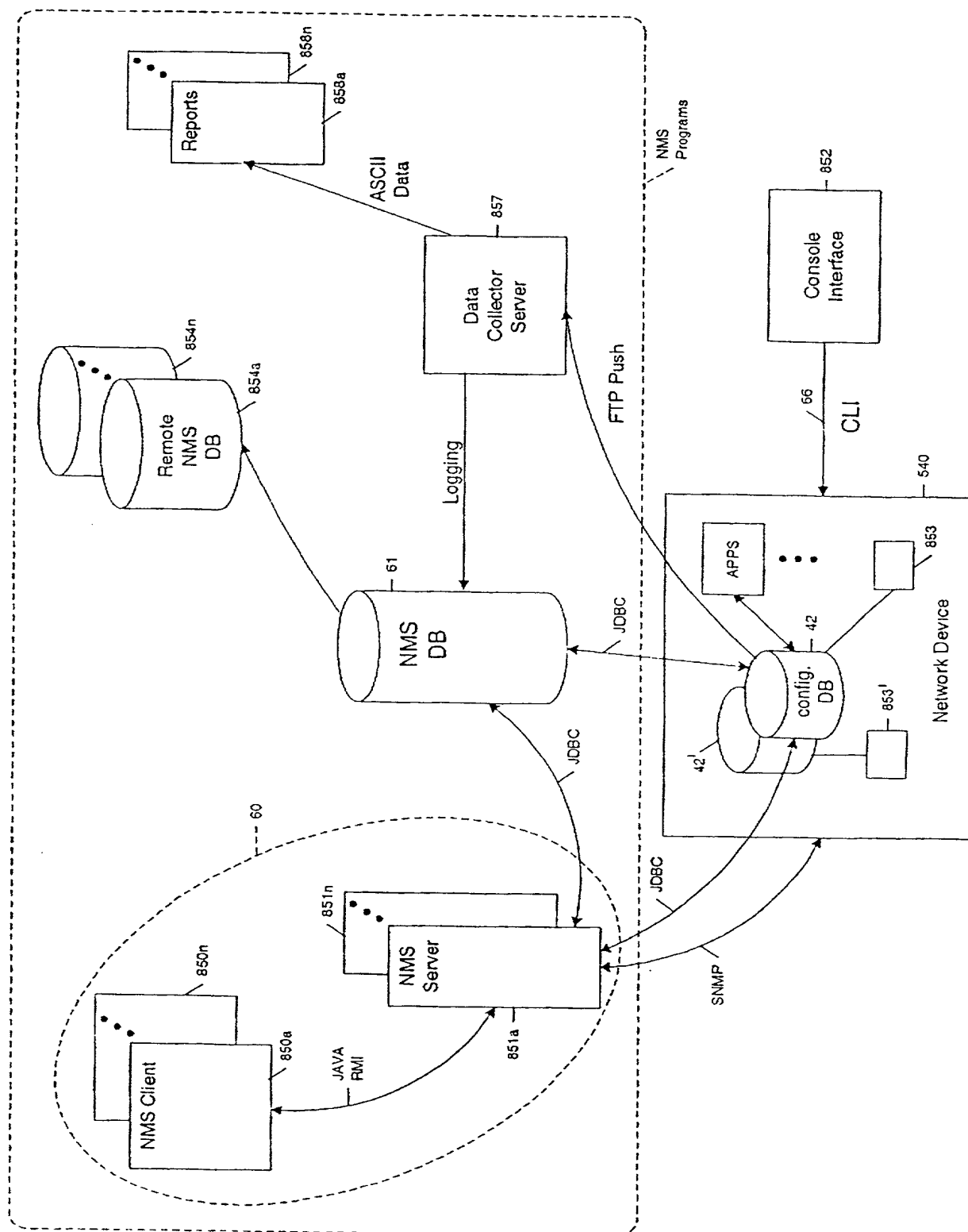


Fig. 2b

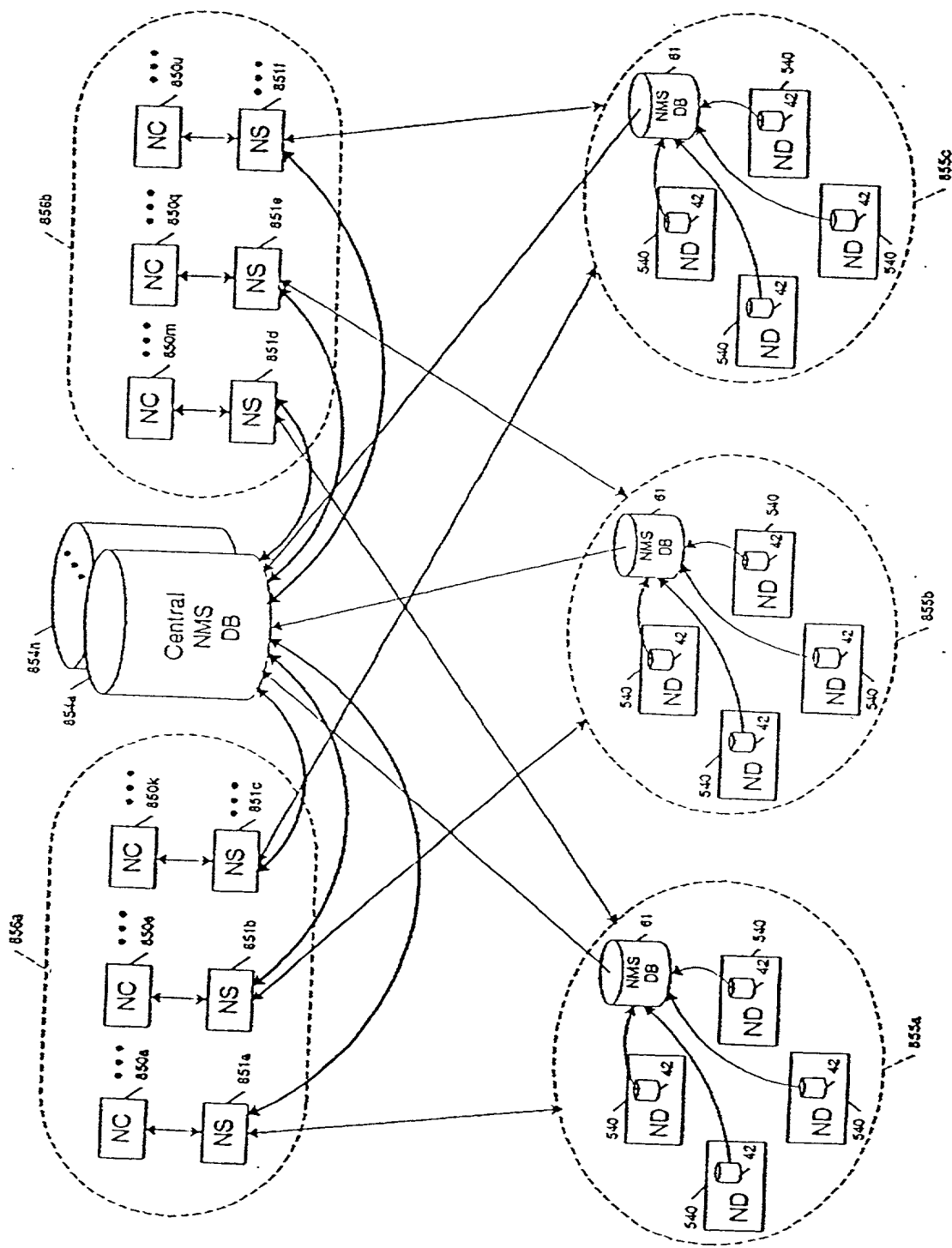
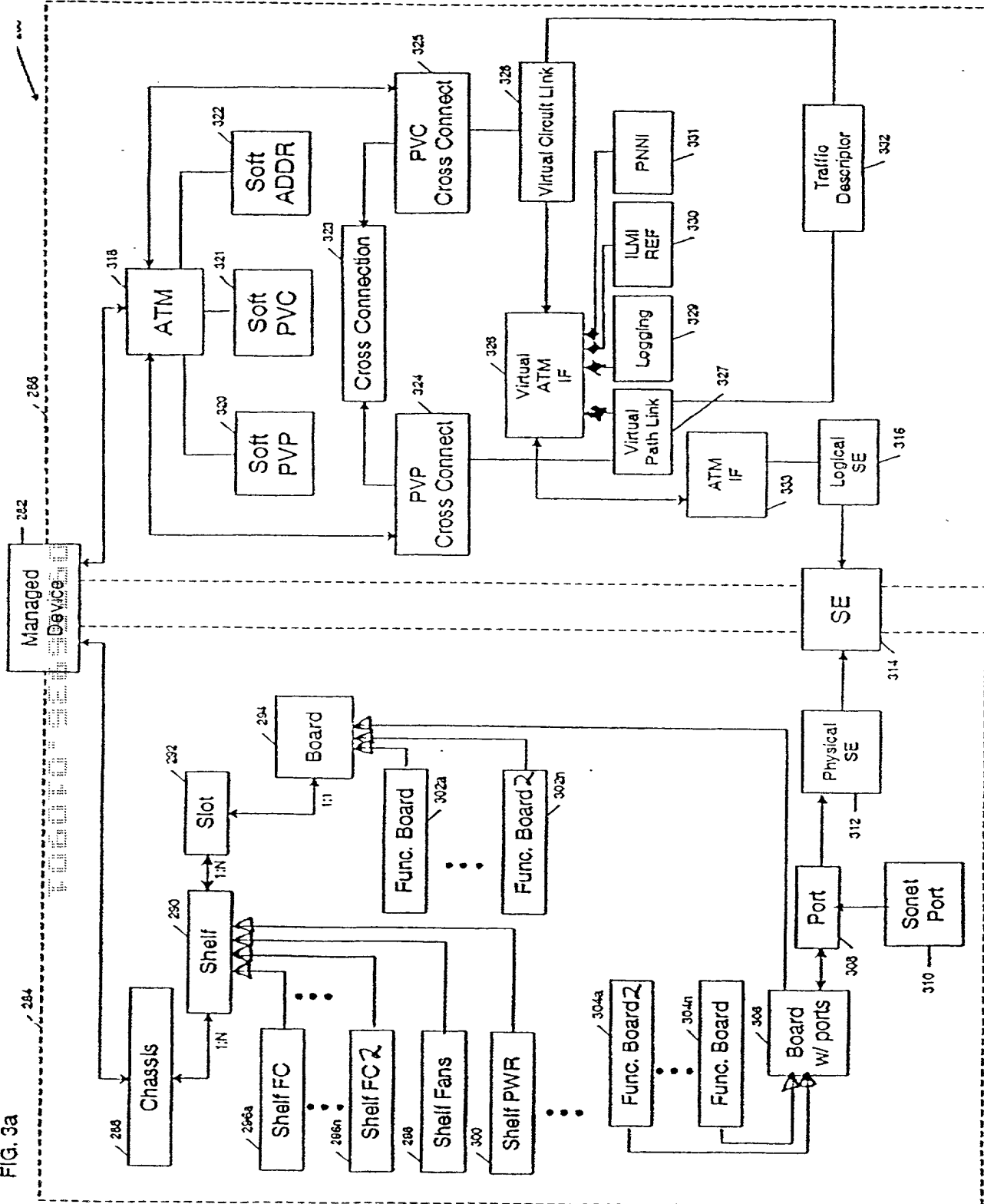


FIG. 3a





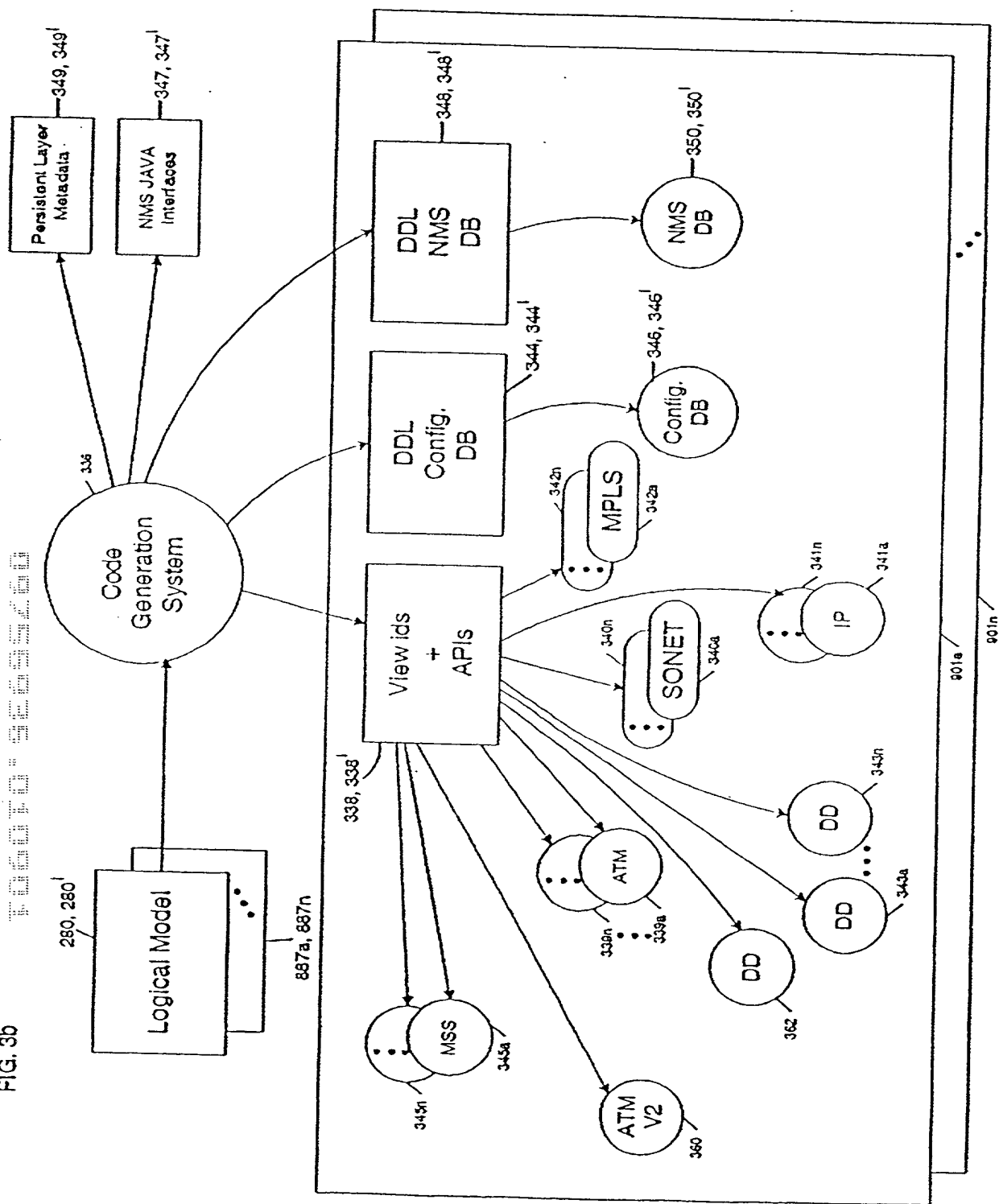
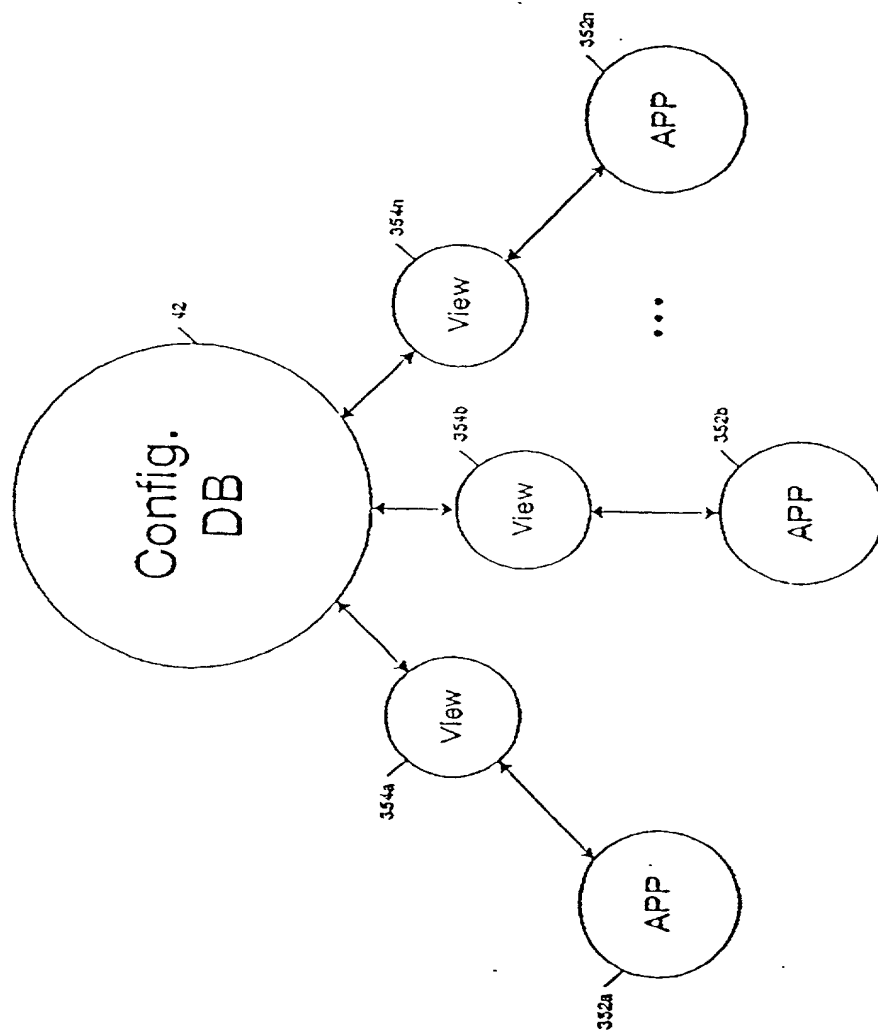
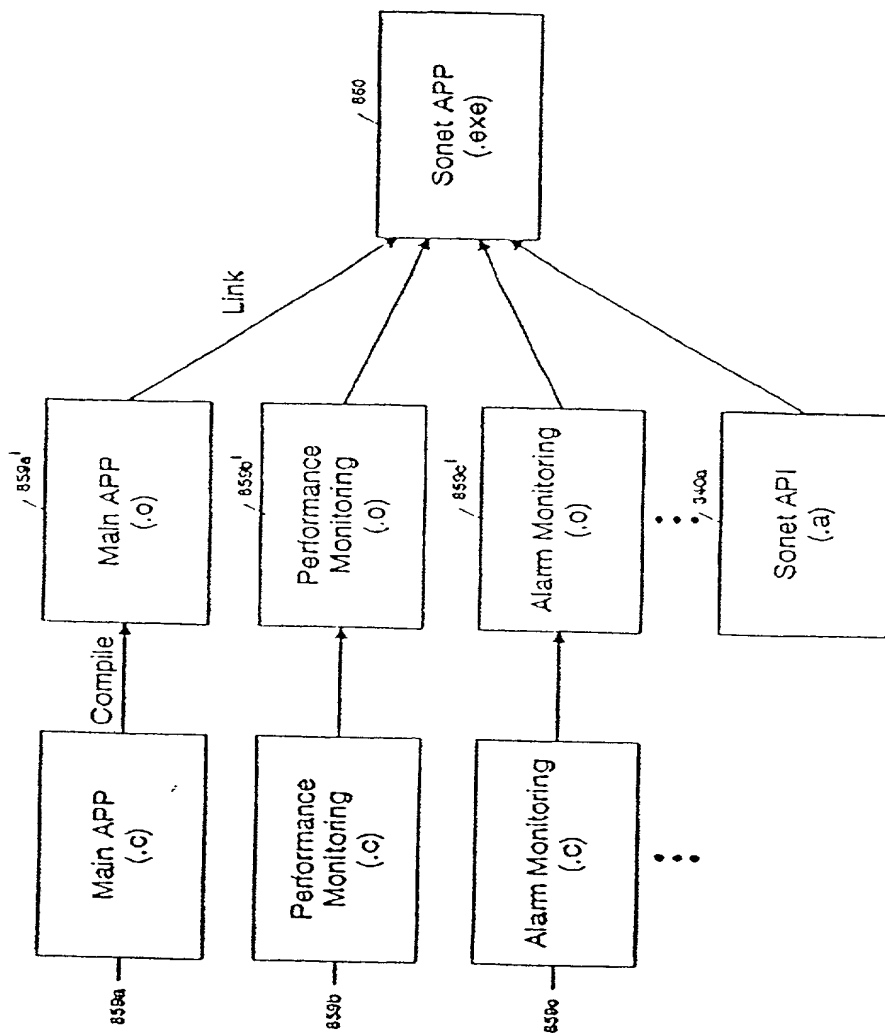
[illegible]

FIG. 3c



# Build SONET Application



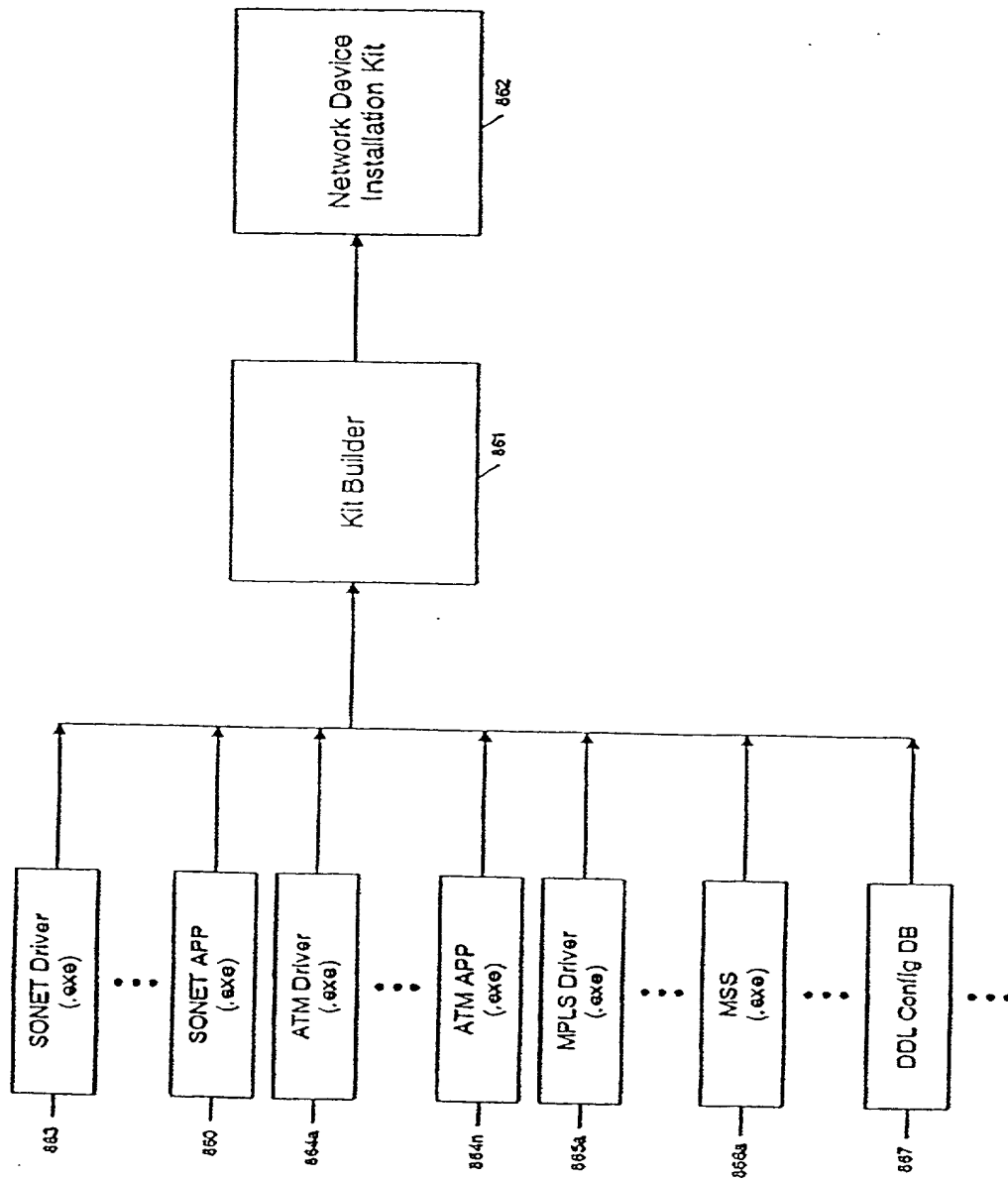


Fig. 3F

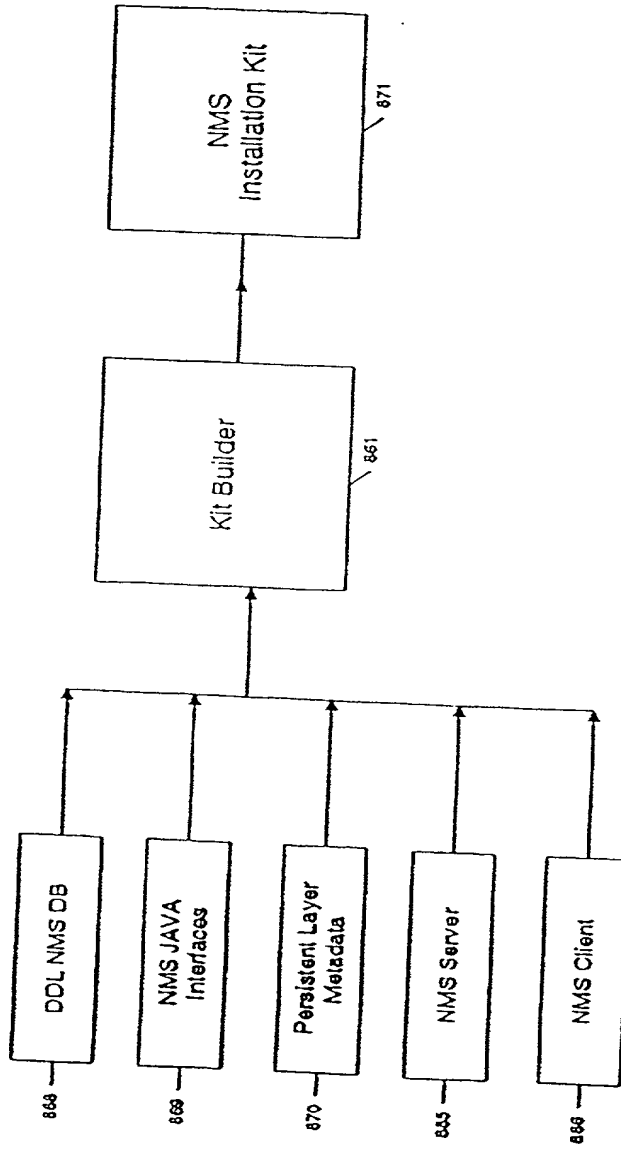


Fig. 3g

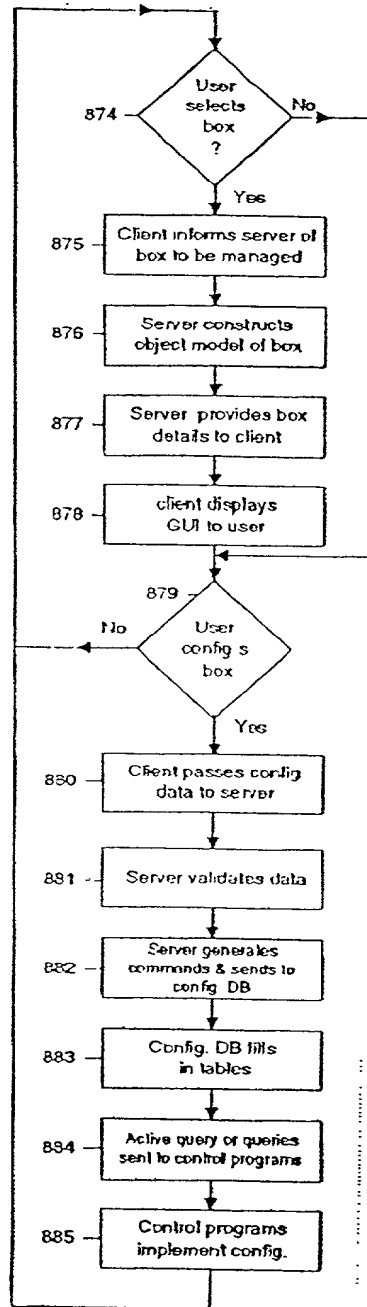


Fig. 3h

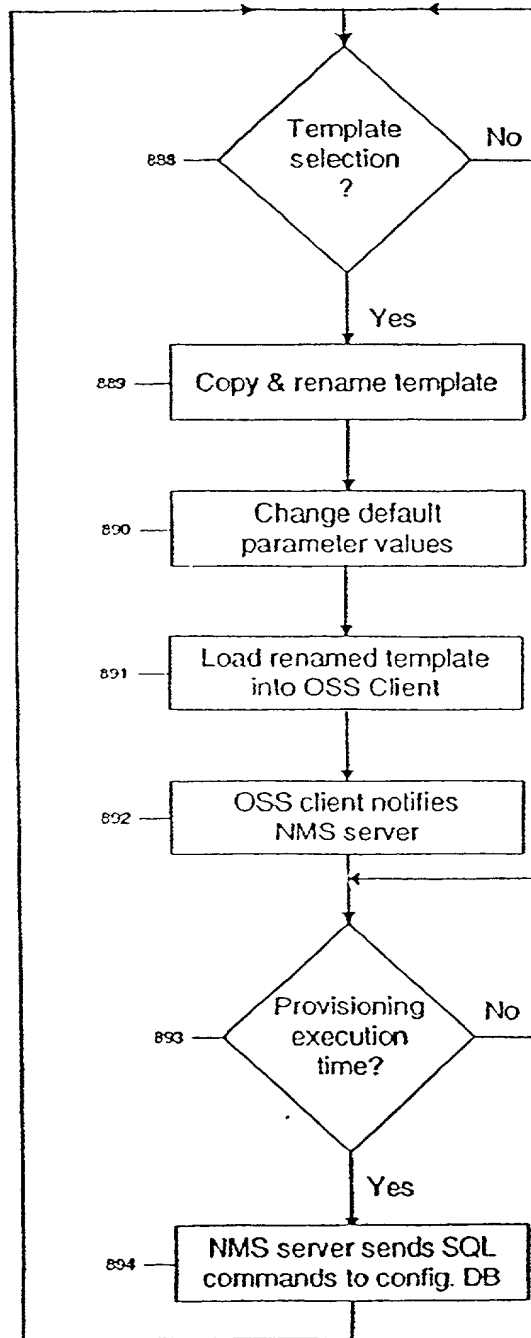






Fig. 3j

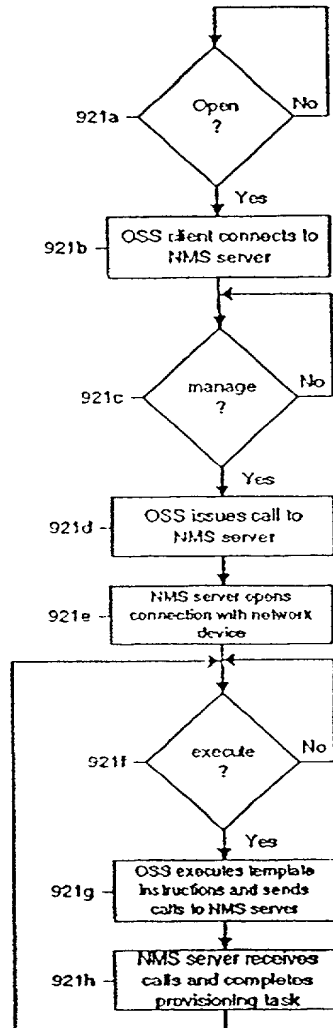


FIG. 3j

Fig 3K

```
Command Prompt (2) - enetcli
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli> showCurrent CONTROL:
Input=Q:\nns\con\equipecon\nns\utils\enetcli
Interactive=false
Operant=CONTROL
Operator=Manage
Output=Q:\nns\con\equipecon\nns\utils\enetcli
Password=None
System=192.168.9.202
User=None
Version=01.1.0.0
Server=localhost
Enetcli>
```

922-  
923a-  
923b-  
923c-  
923d-  
923e-  
923f-  
923g-  
923h-

00766070 01000

← 924 BATCH.

Version=V1\_1\_0\_0

924c-Task7=execute-SPVC

924) Task53=execute-SPATH

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2
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← 925

Operant=BATCH

Operator=Execute

Version=V1\_1\_0\_0

925a—Task1=execute-CONTROL

925b—Task2=execute-SPATH

925c—Task3=set-SPATH-PortID-3

925d—Task4=execute-SPATH

925e—Task61=set-CONTROL-System-192.168.9.201

925f—Task62=execute-CONTROL

925g—Task63=execute-SPATH

925h—Task108=close

925i—Task109=set-CONTROL-Server-Server1

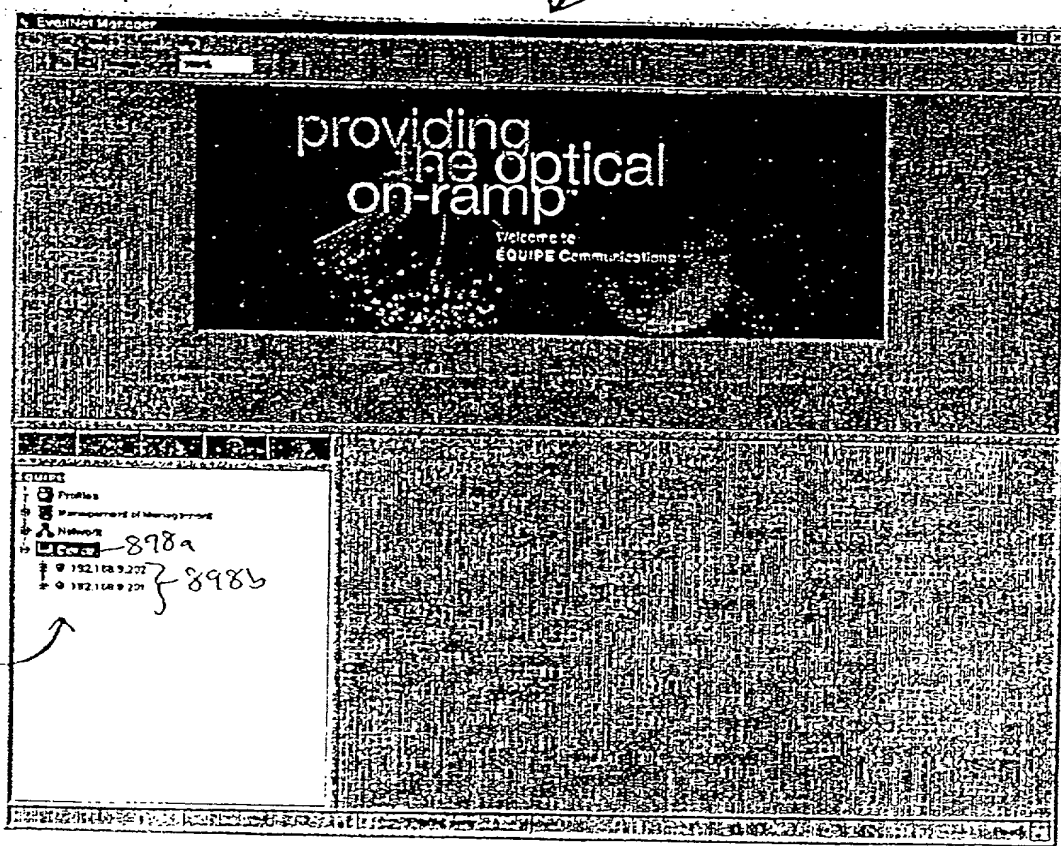
925j—Task110=set-CONTROL-System-192.168.8.200

925k—Task111=execute-CONTROL

925l—Task112=execute-SPATH

Fig. 3M

895



898

Fig. 4a

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898a

898

898c

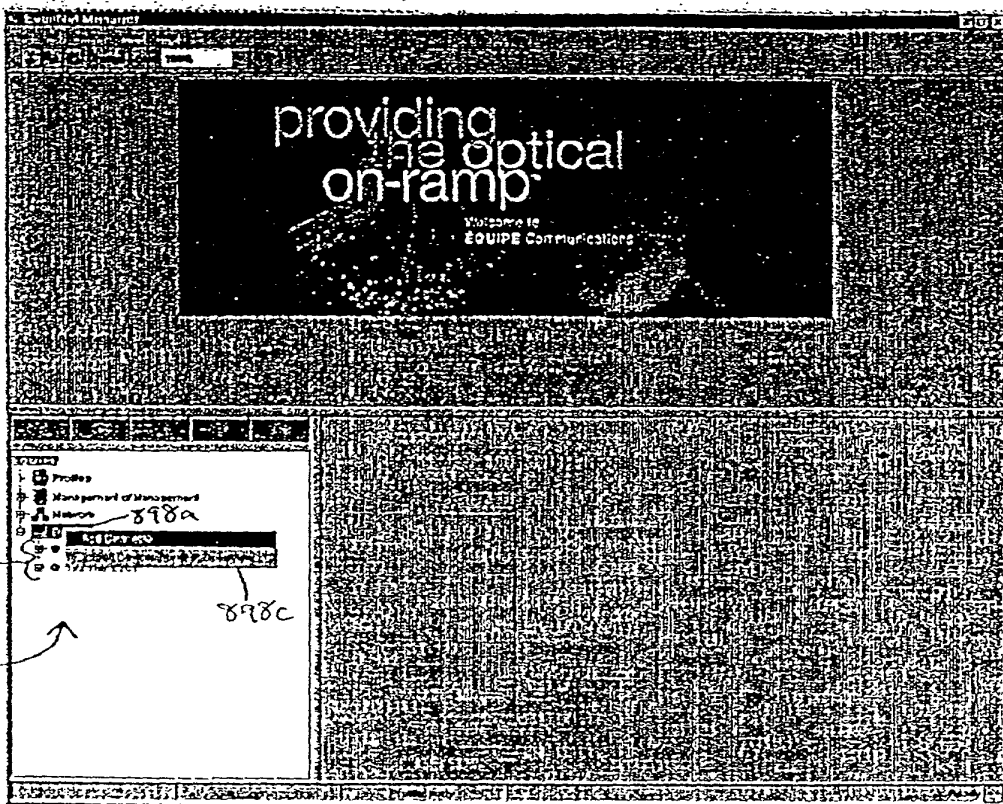
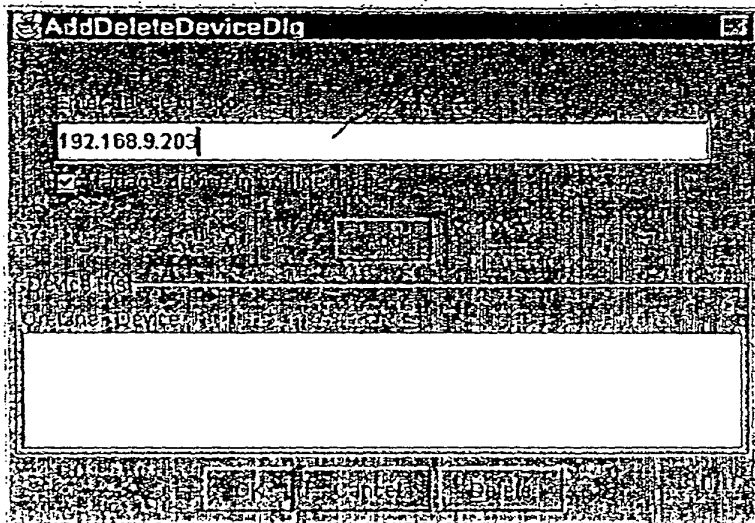


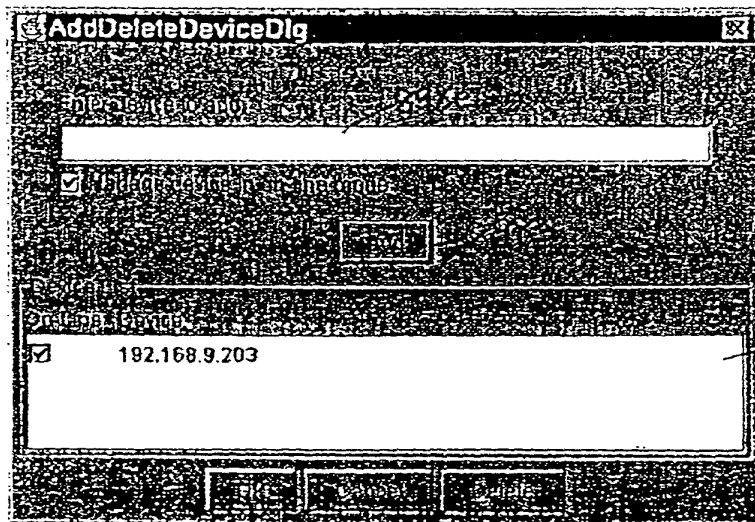
Fig. 4b

Fig. 4c



898d

Fig. 4d



898d

898g

898j

898i

898h

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895

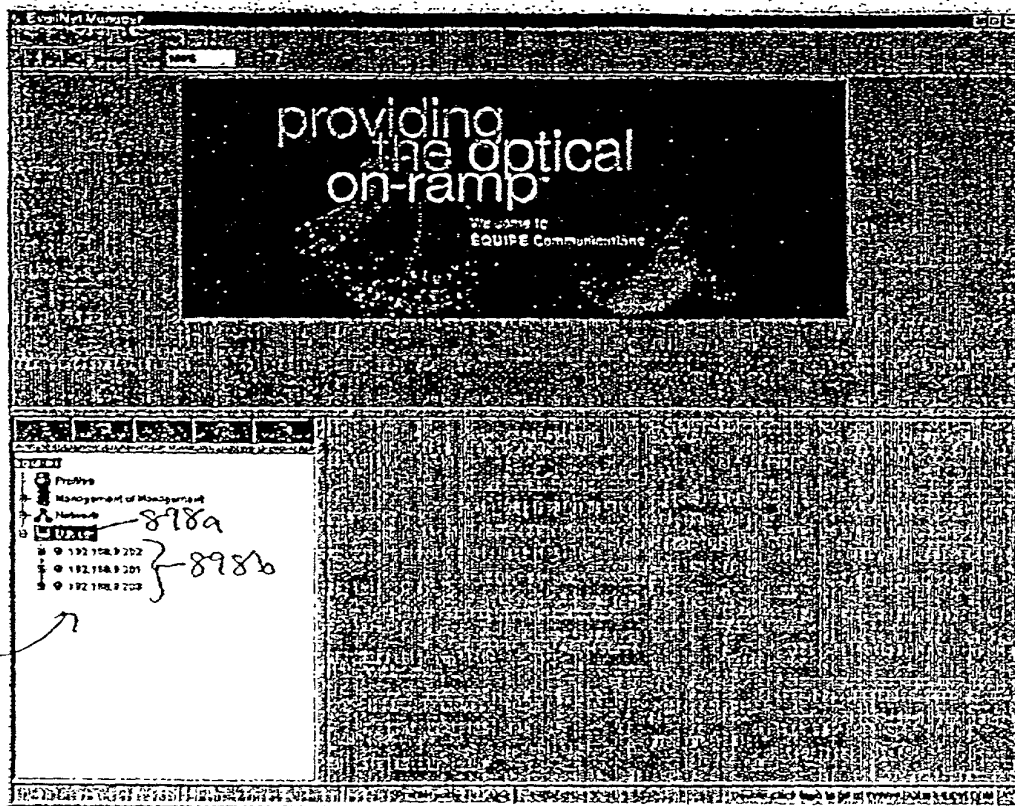


Fig. 4e



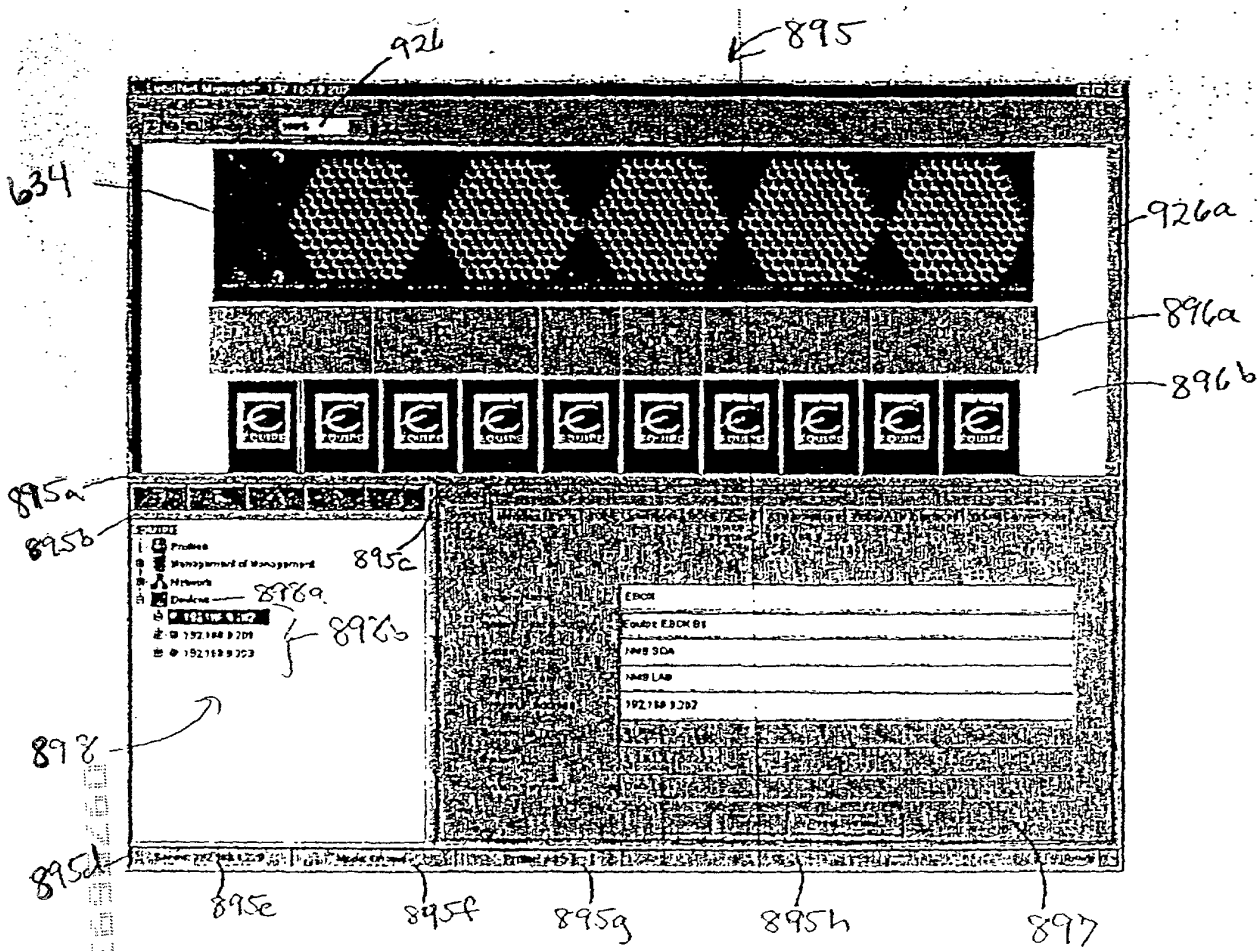


Fig. 4f

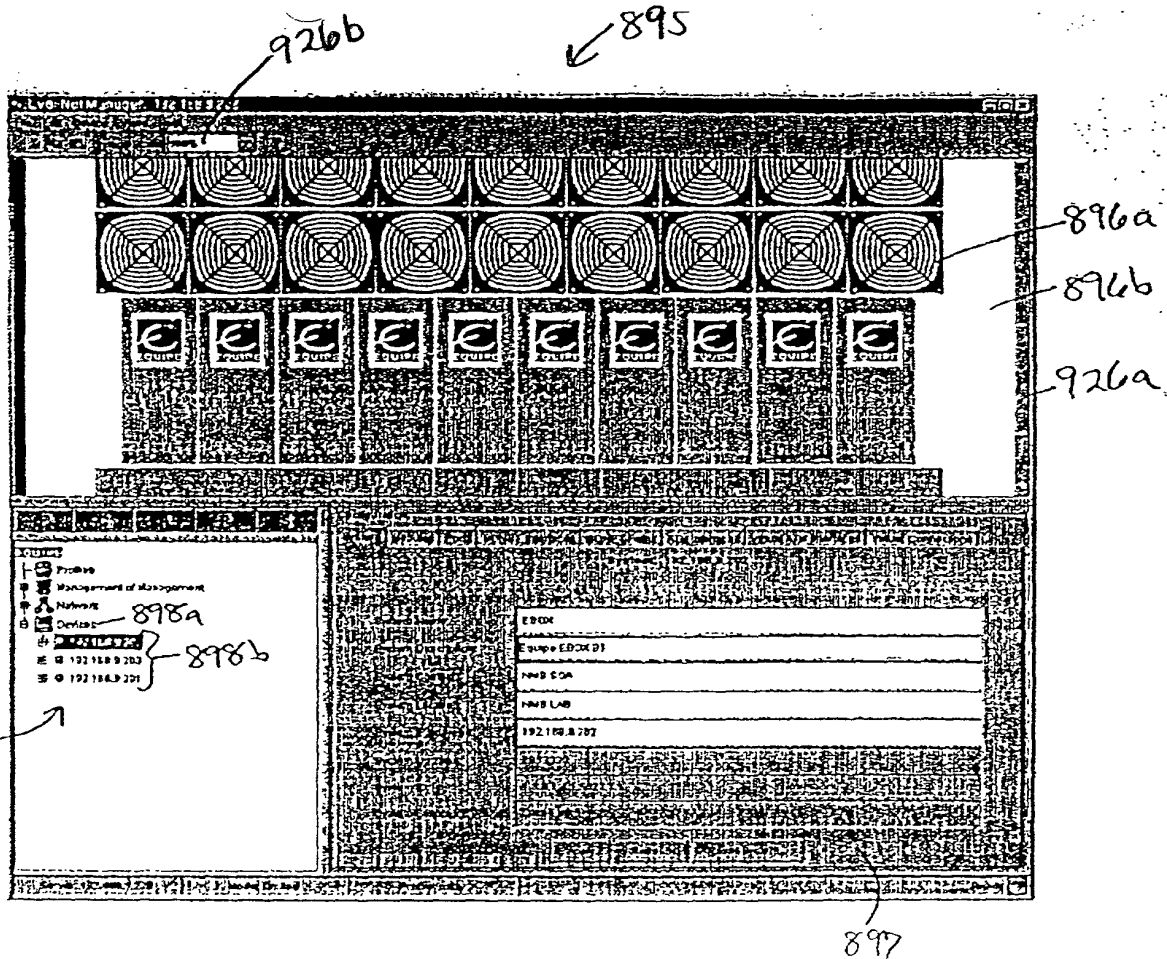


Fig. 4g

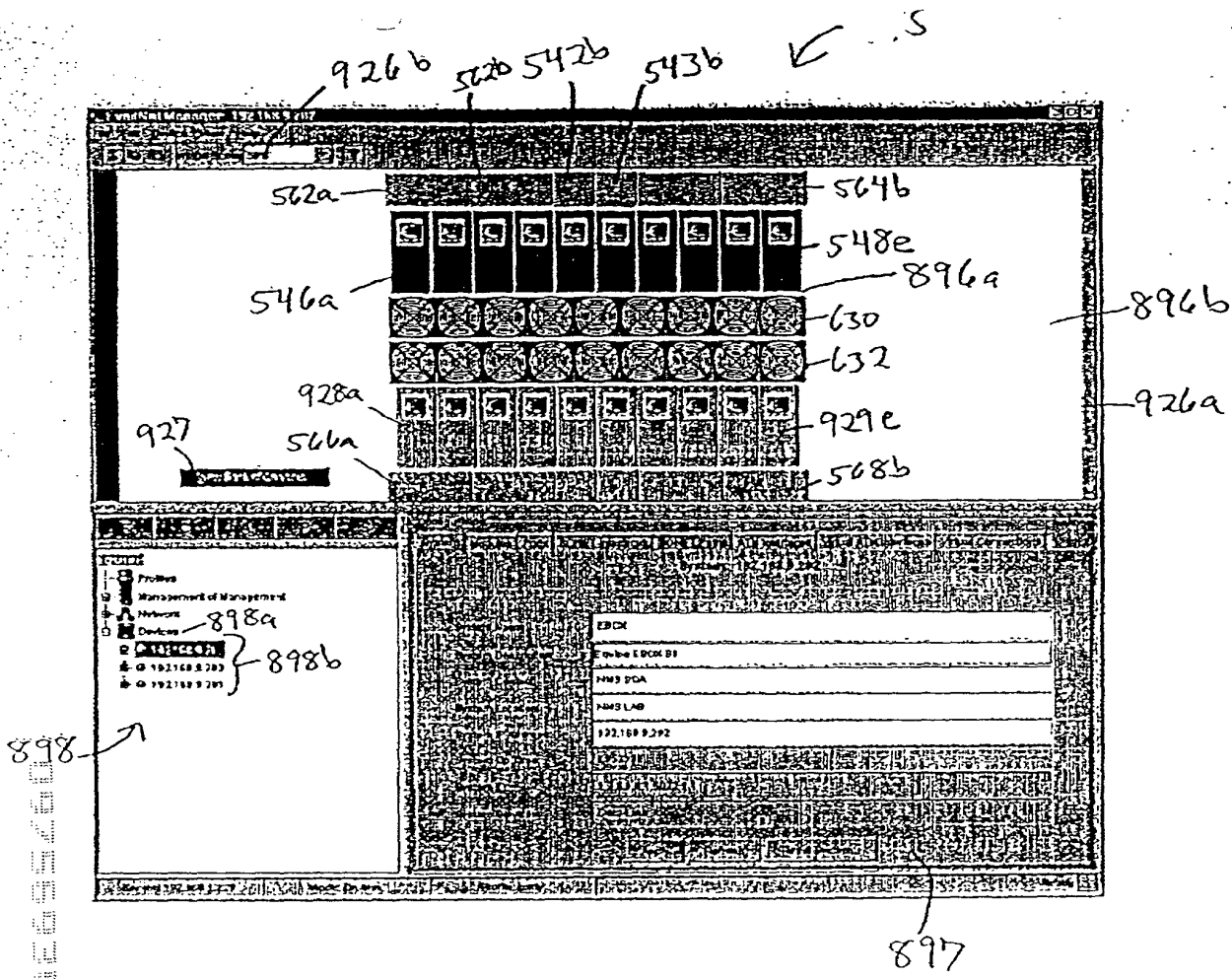


Fig. 4h

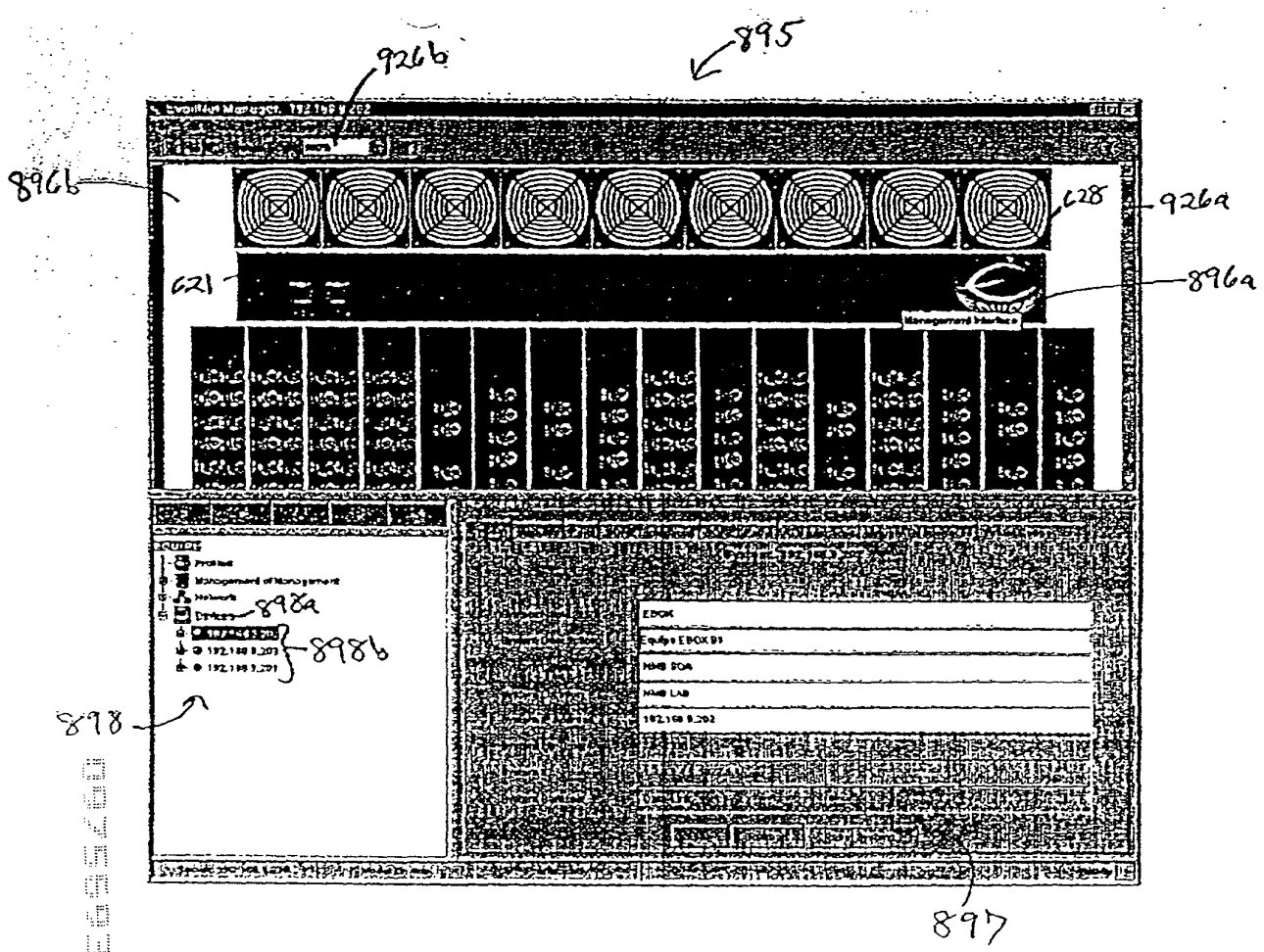


Fig. 4i

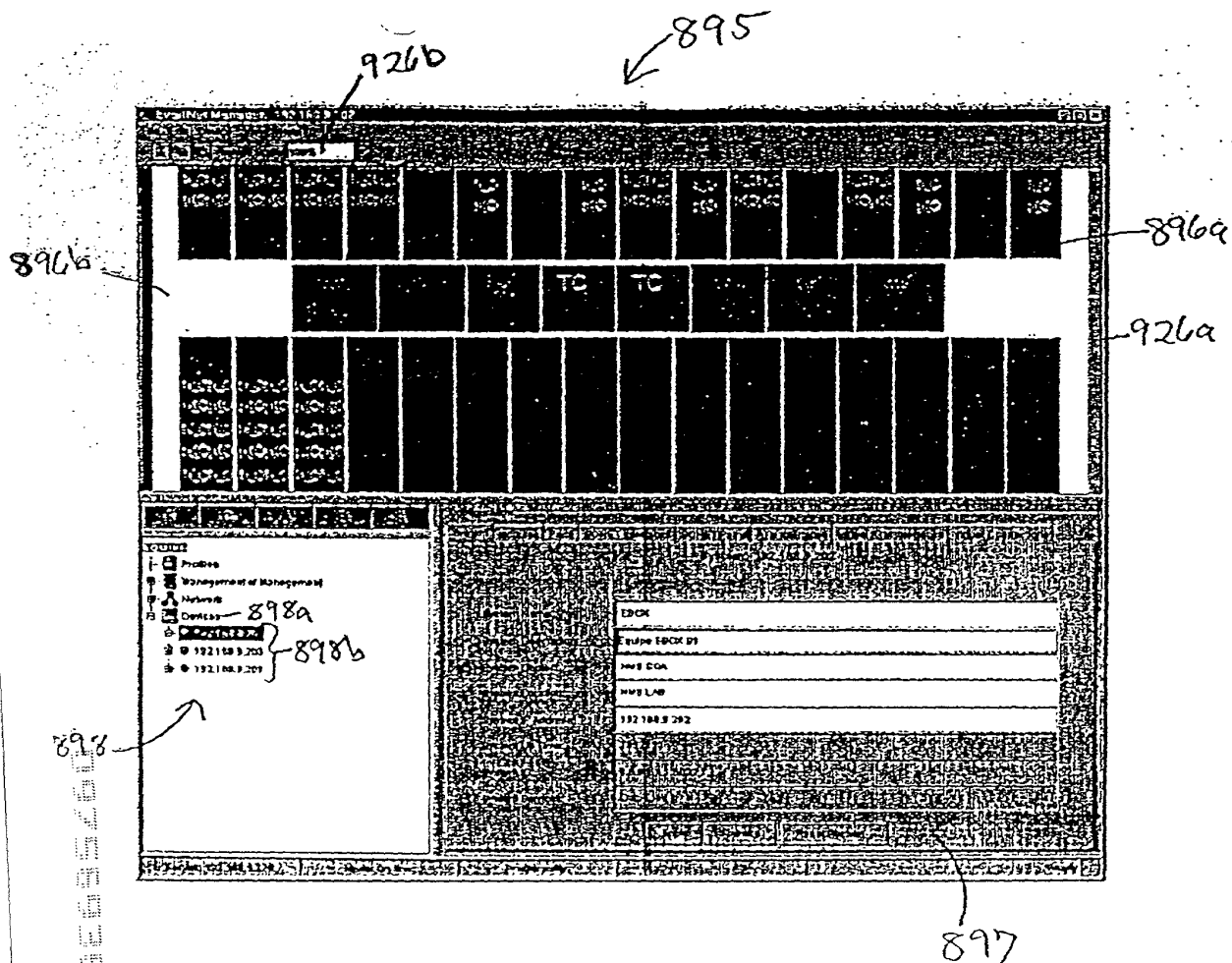


Fig. 4j

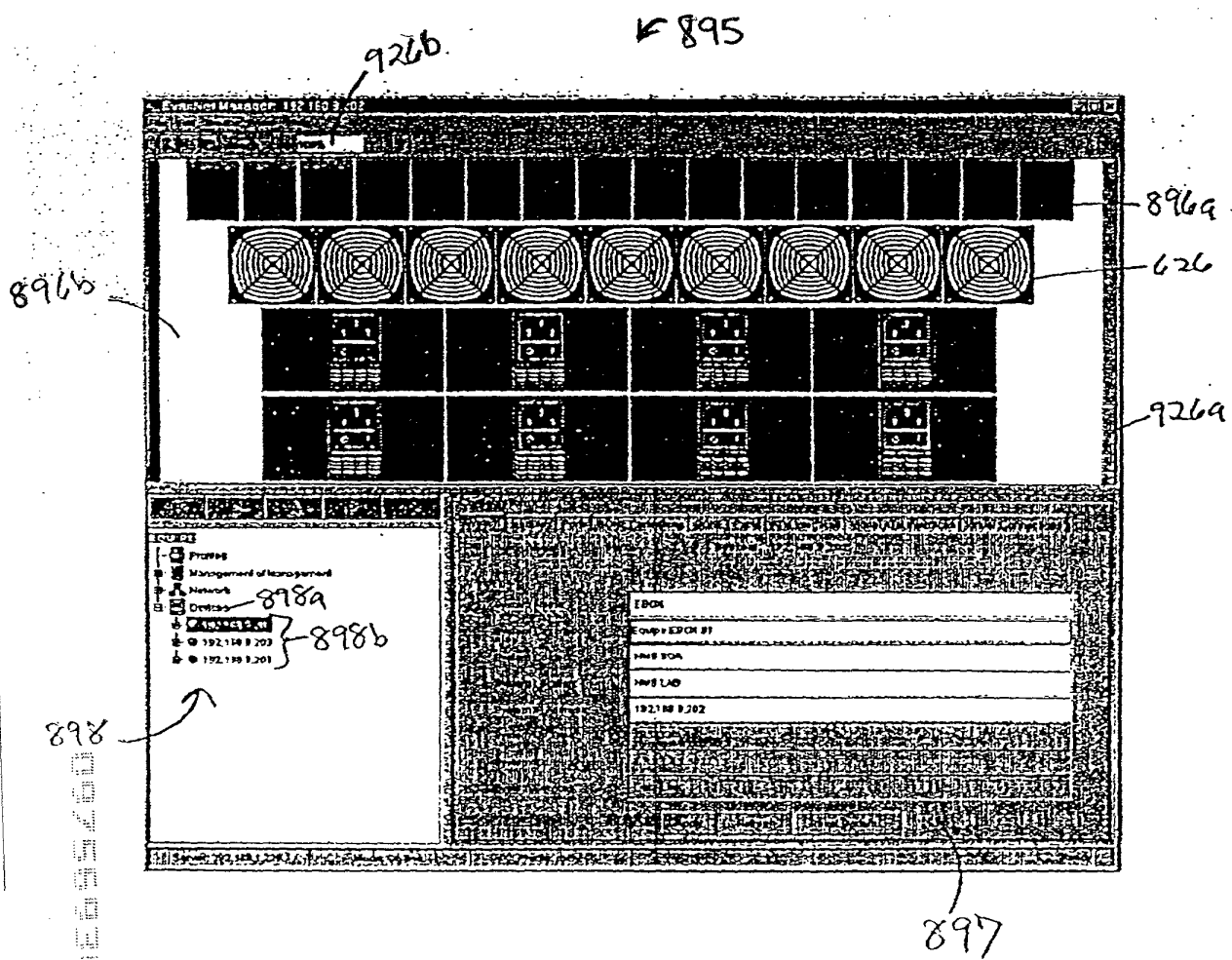


Fig. 4K

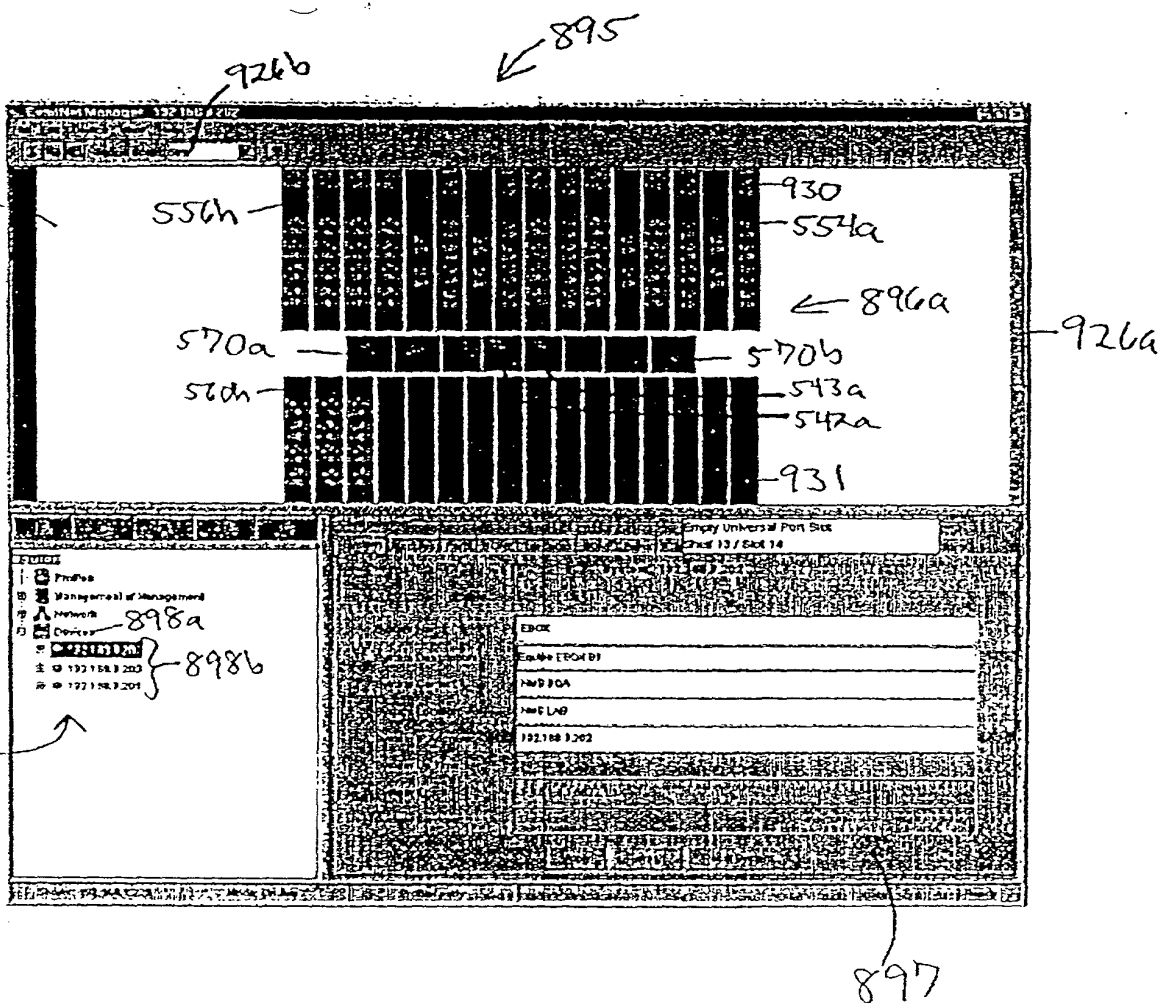


Fig. 4L

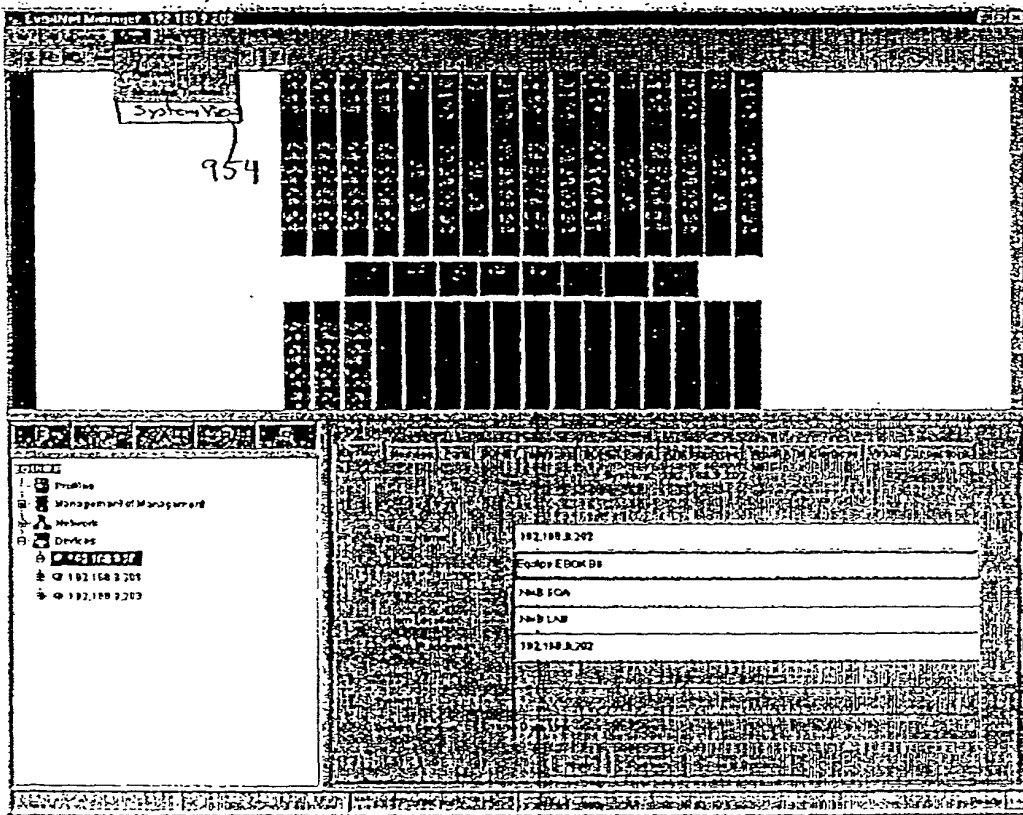
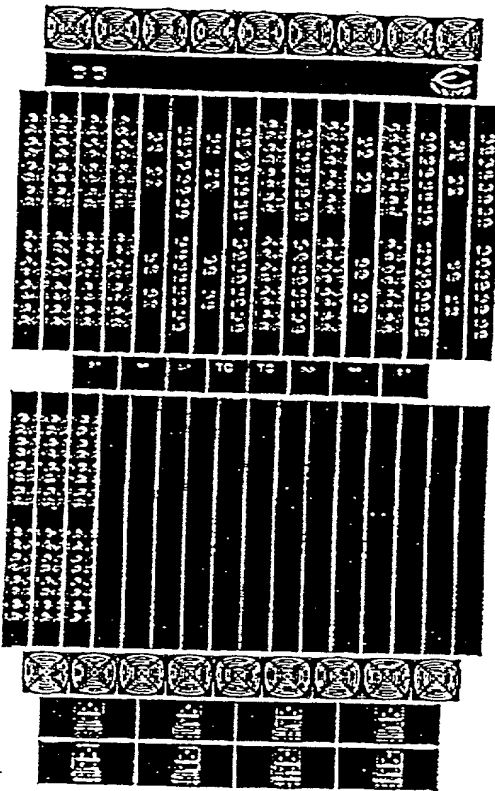
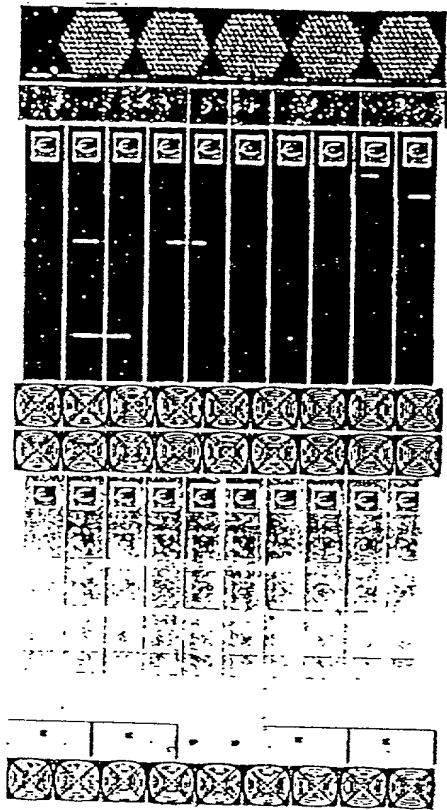


Fig. 4m

00756936-040004



955



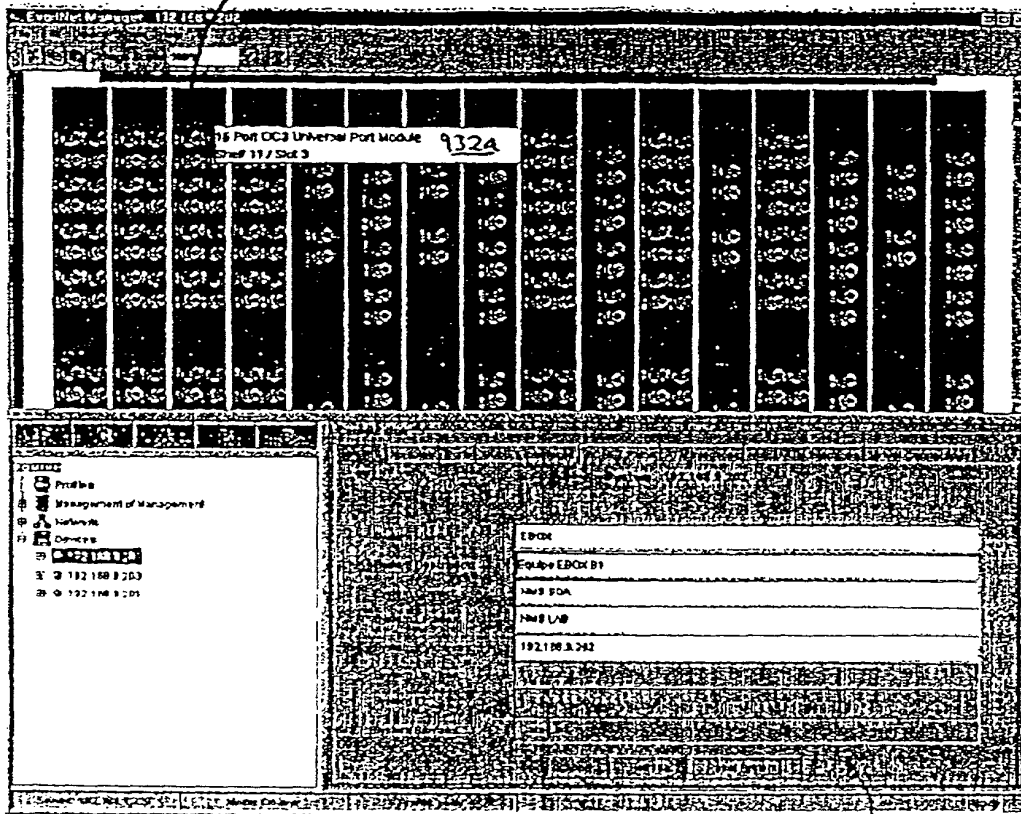
955a

955b

Fig. 4n

00756936-01000

00765936 040004



897

Fig. 40

00756936-010901

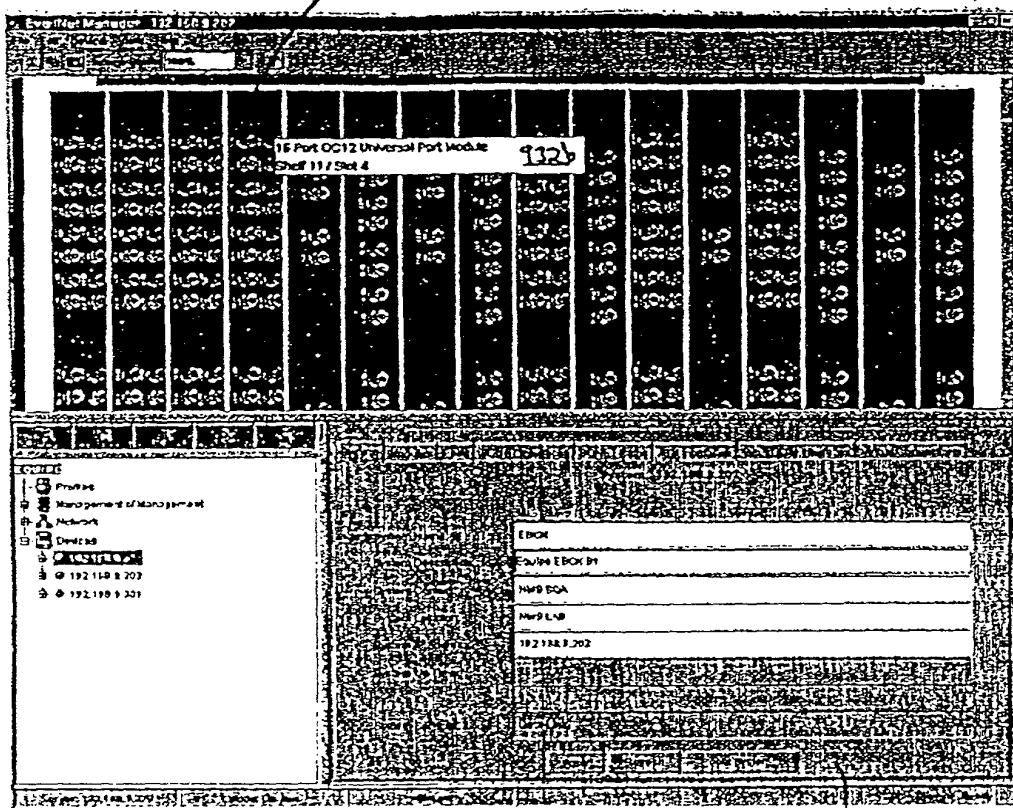


Fig. 4p

895

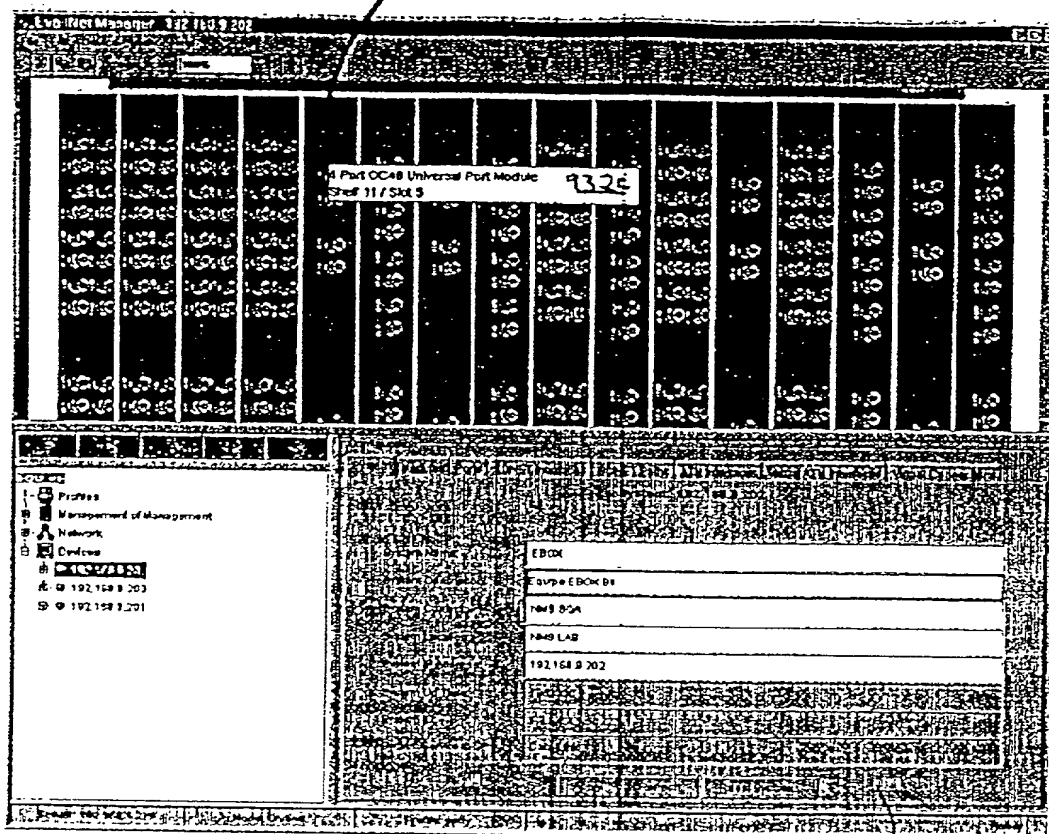


Fig. 48

897

09766936 010901

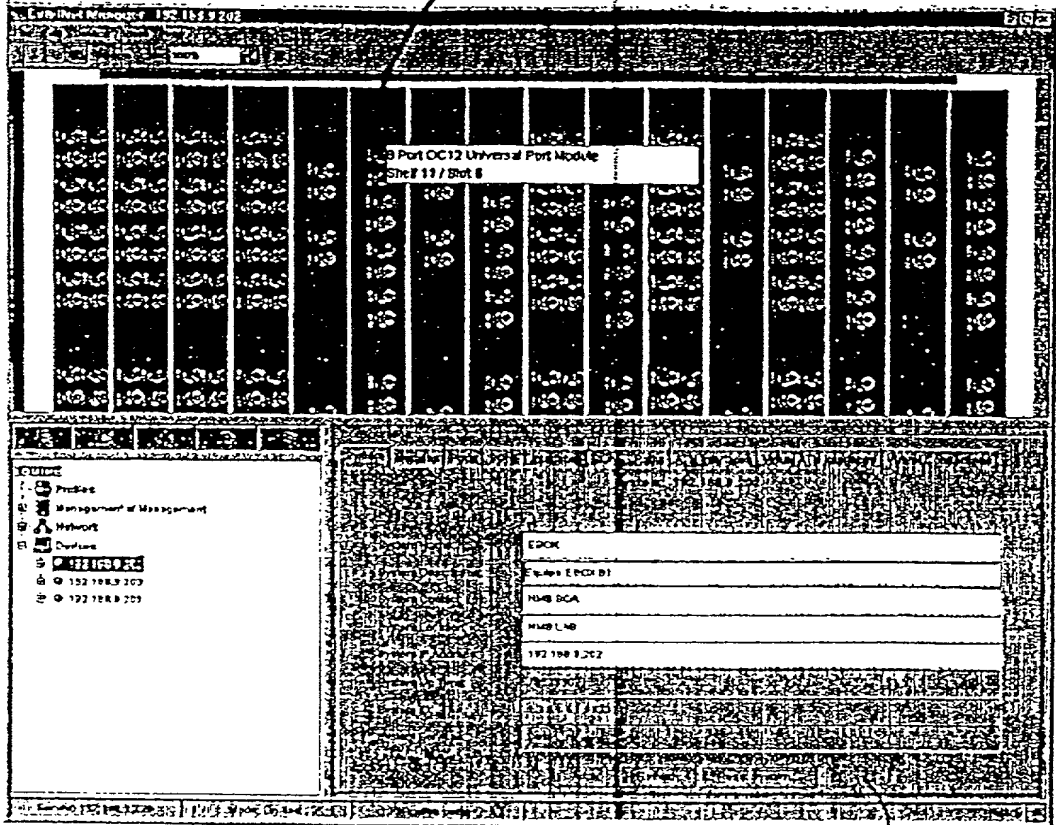
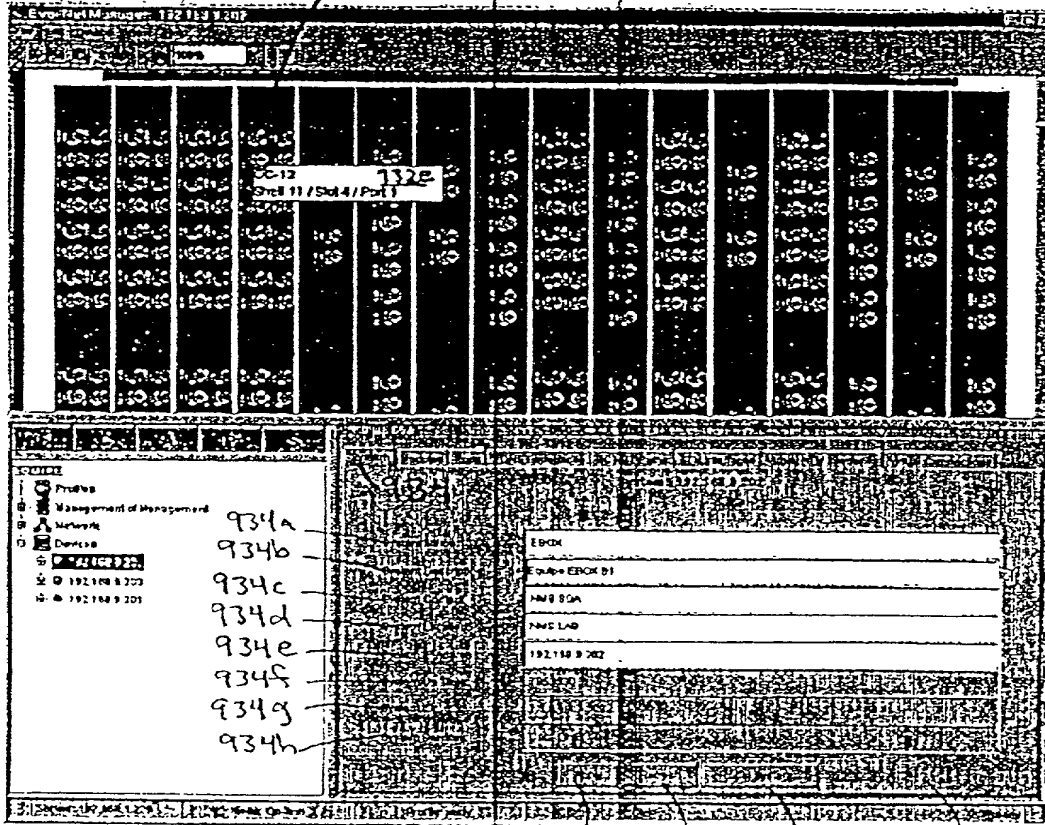


Fig. 4r

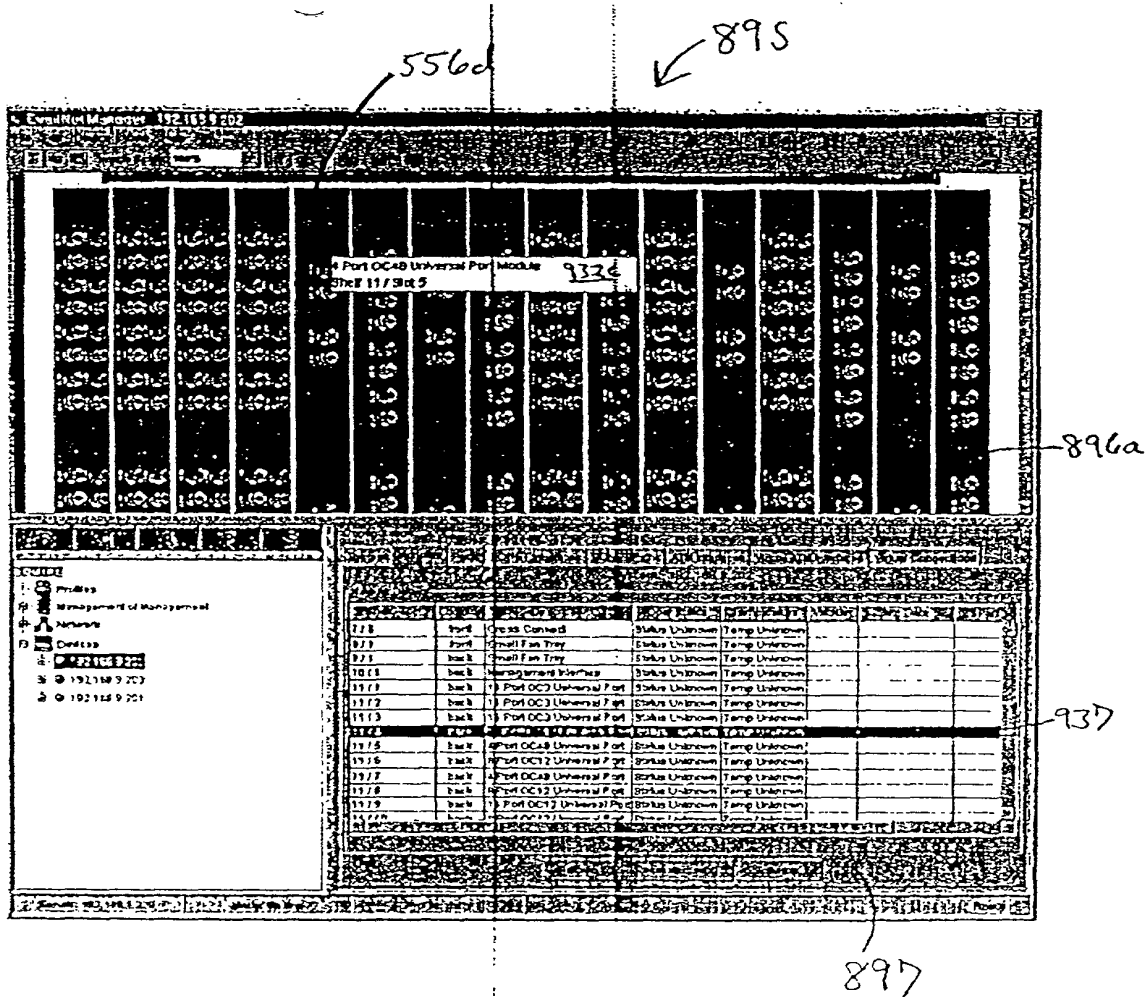
↙ 8°



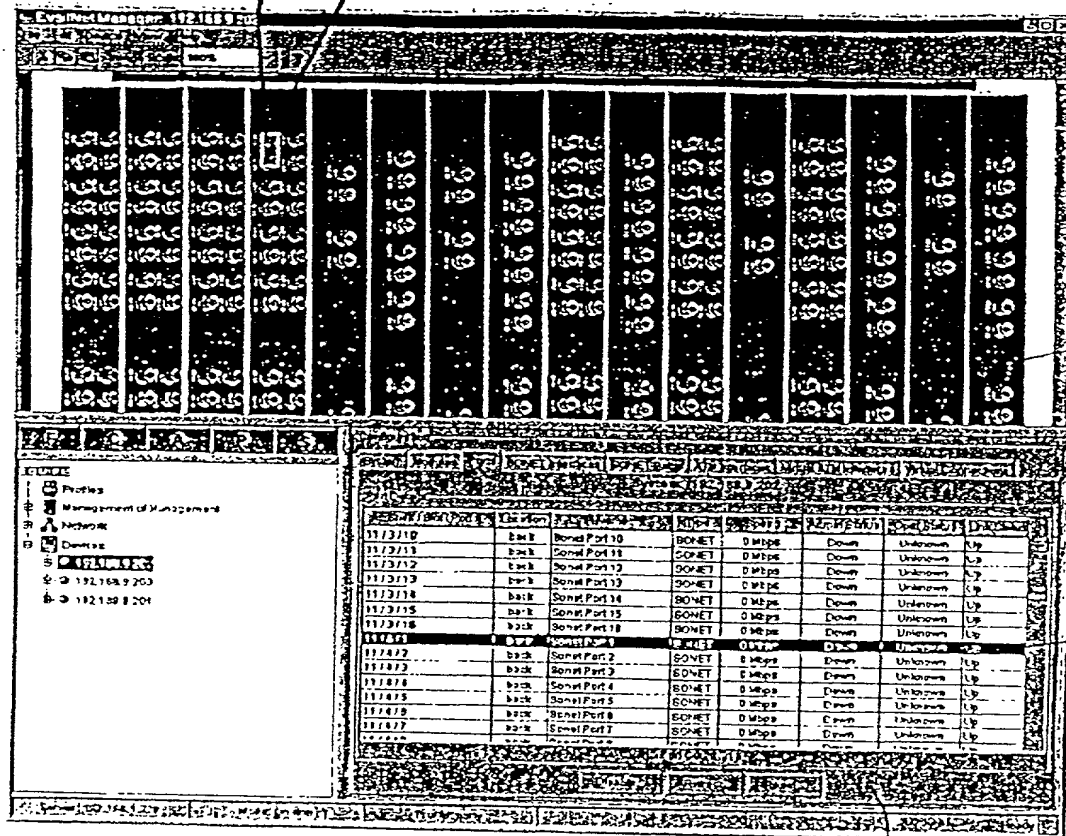
935a 935c 935b 897

Fig. 4s

00756095-00001



839 6e 895



896a

839b

897

Fig. 4u

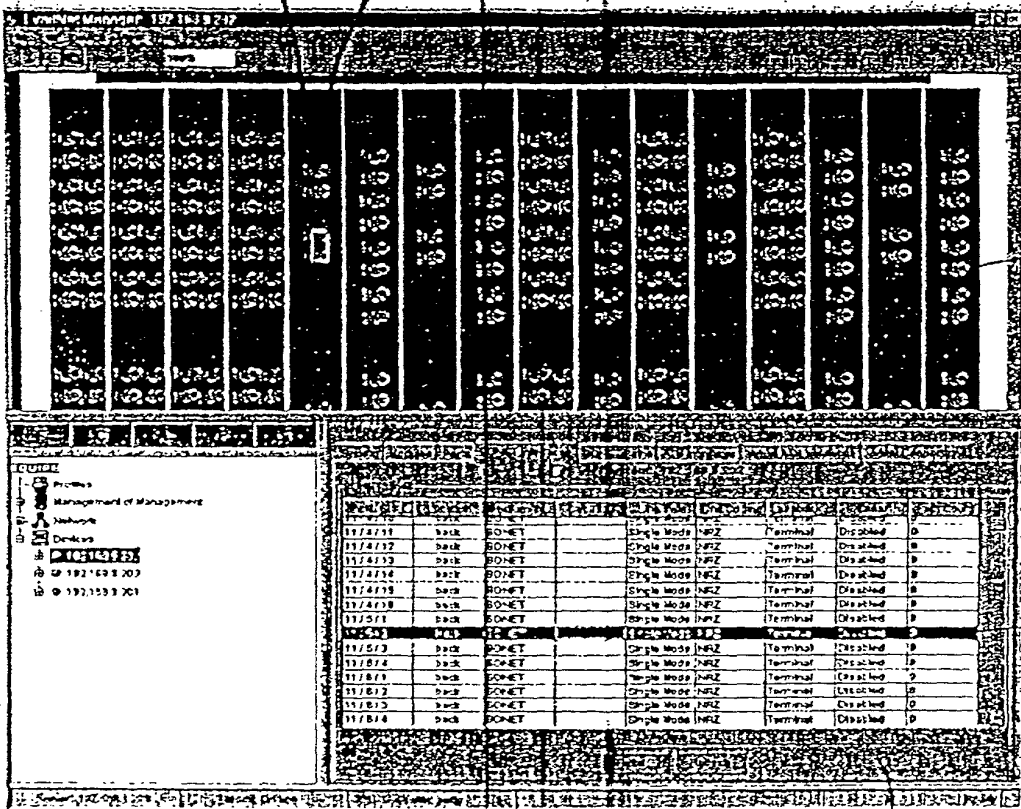
60766036 040004



556d

941a

895



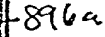
896a

941b

897

Fig. 4v

09756035 040904

[illegible]

-897

942c

Fig. 4w

9580  
958c

958

958a

895

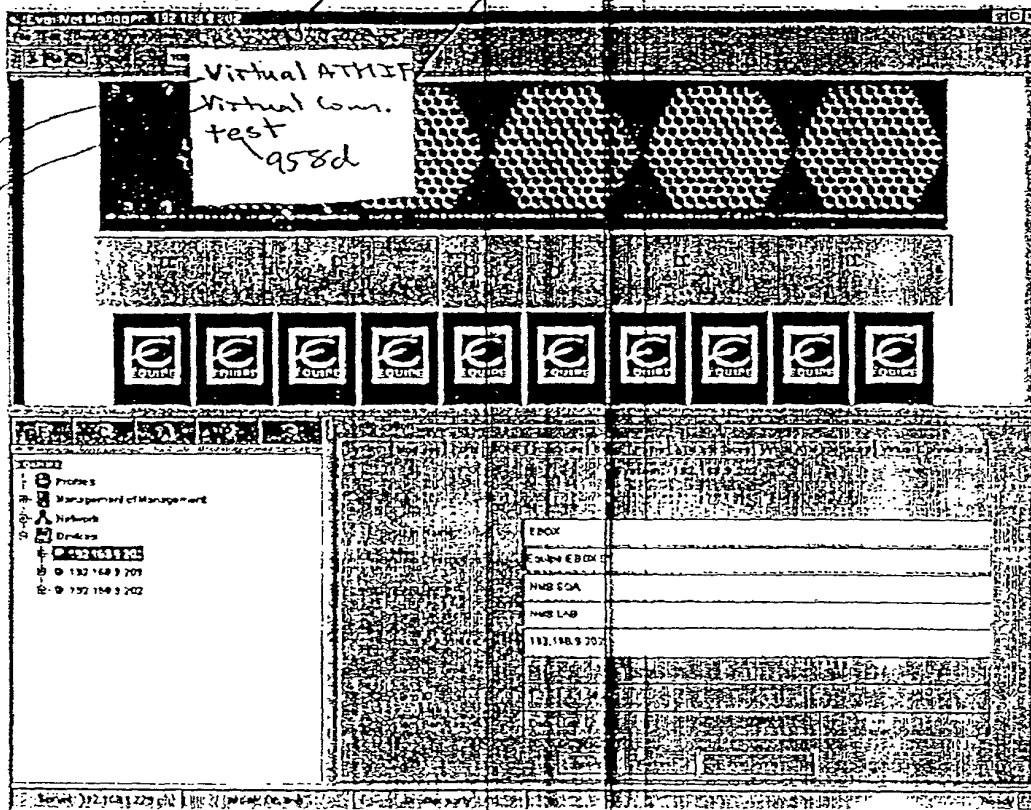


Fig. 4x

00755936 040001

896a

895

960

960a

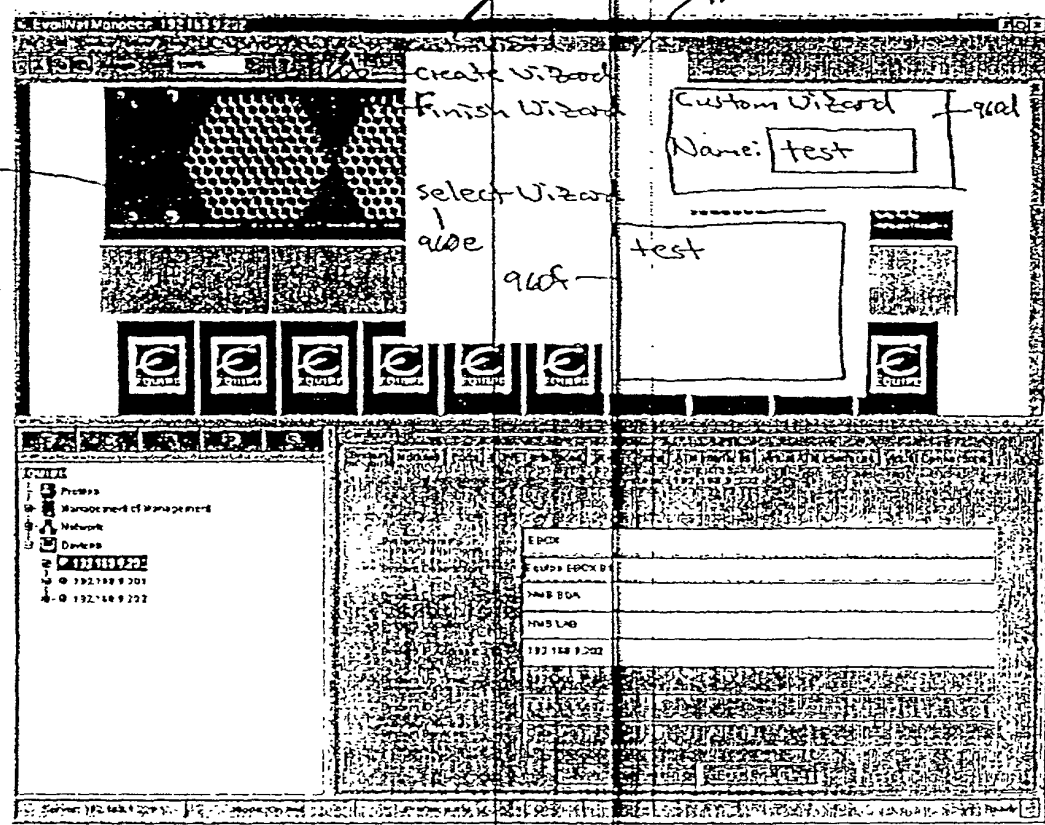


Fig. 4y

09756936:010901

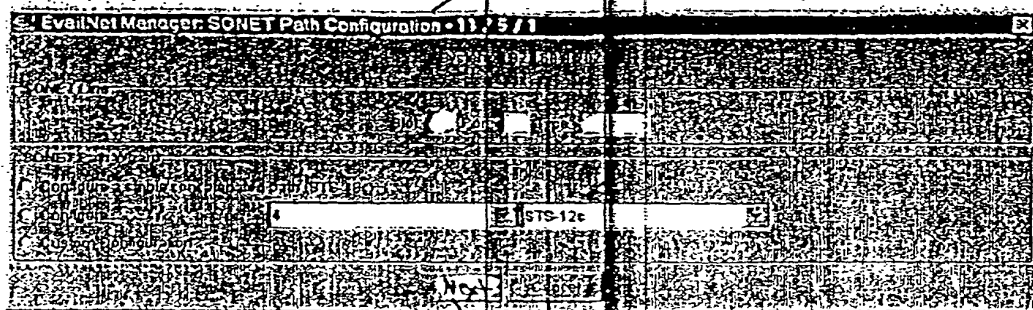
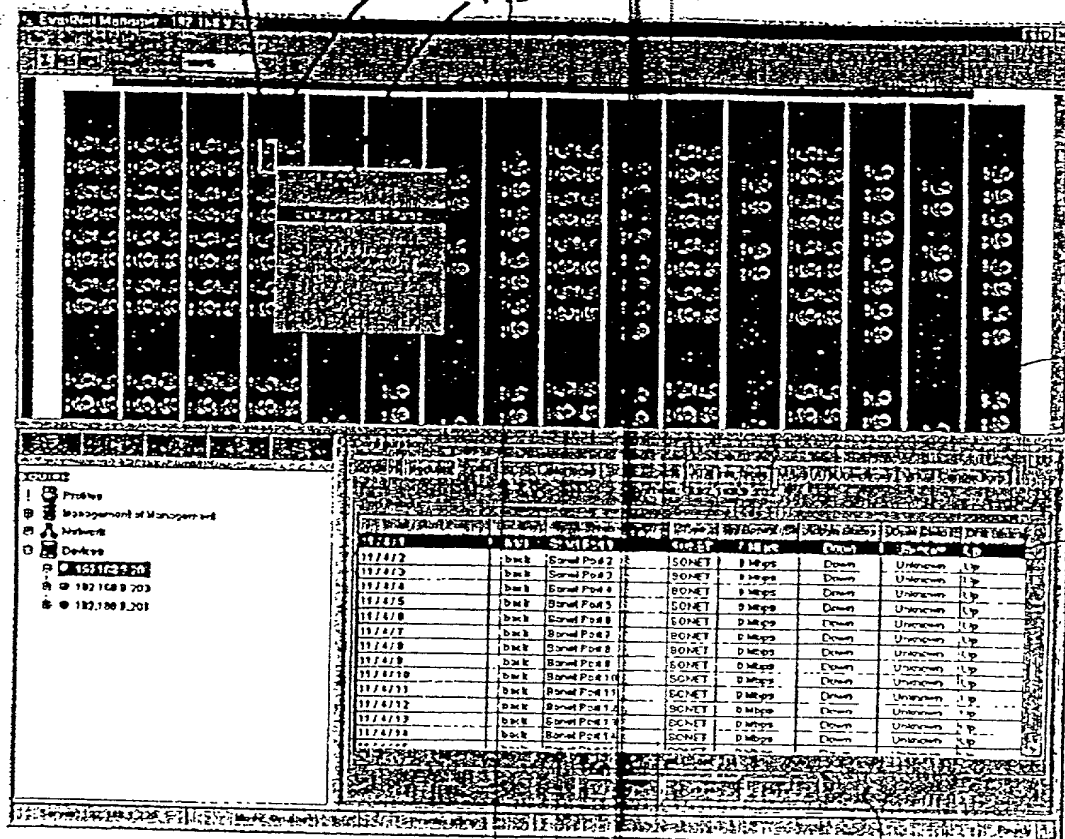


Fig. 42

00756935 040901

895



-896a

-9396

897

Fig. 5a

Fig. 5b

944

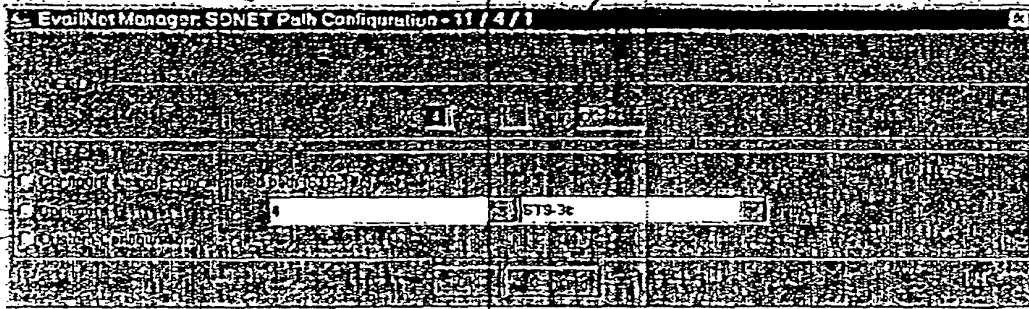


Fig. 5c

944

944e

944f

09755935-010901

Fig. 5d

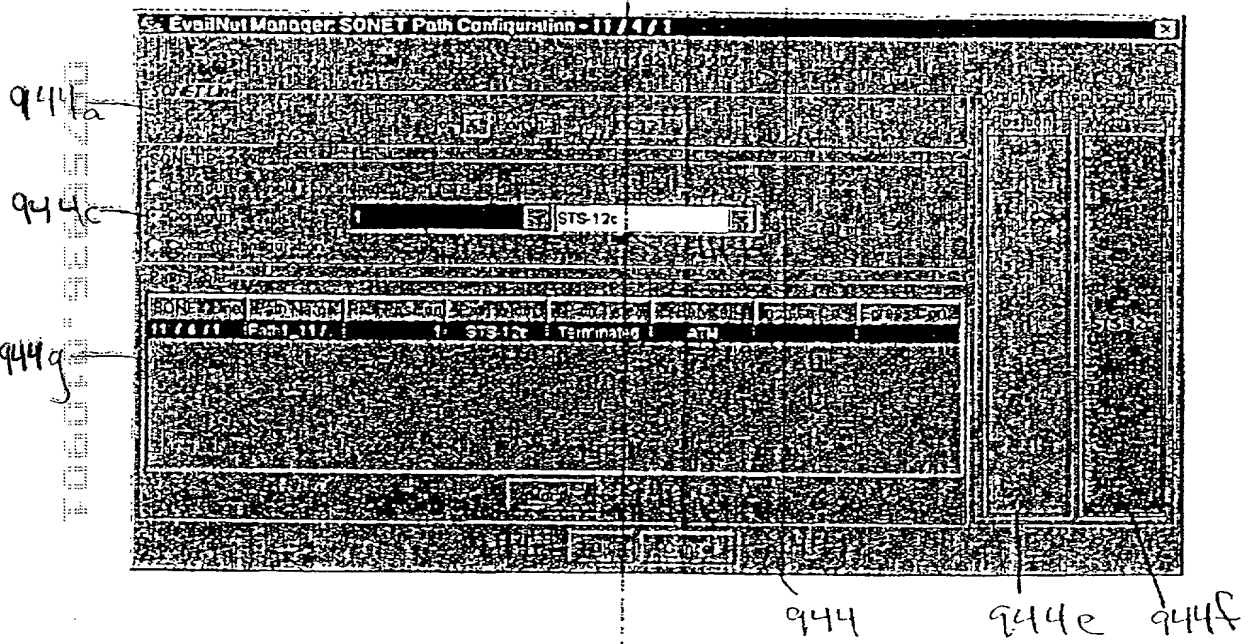
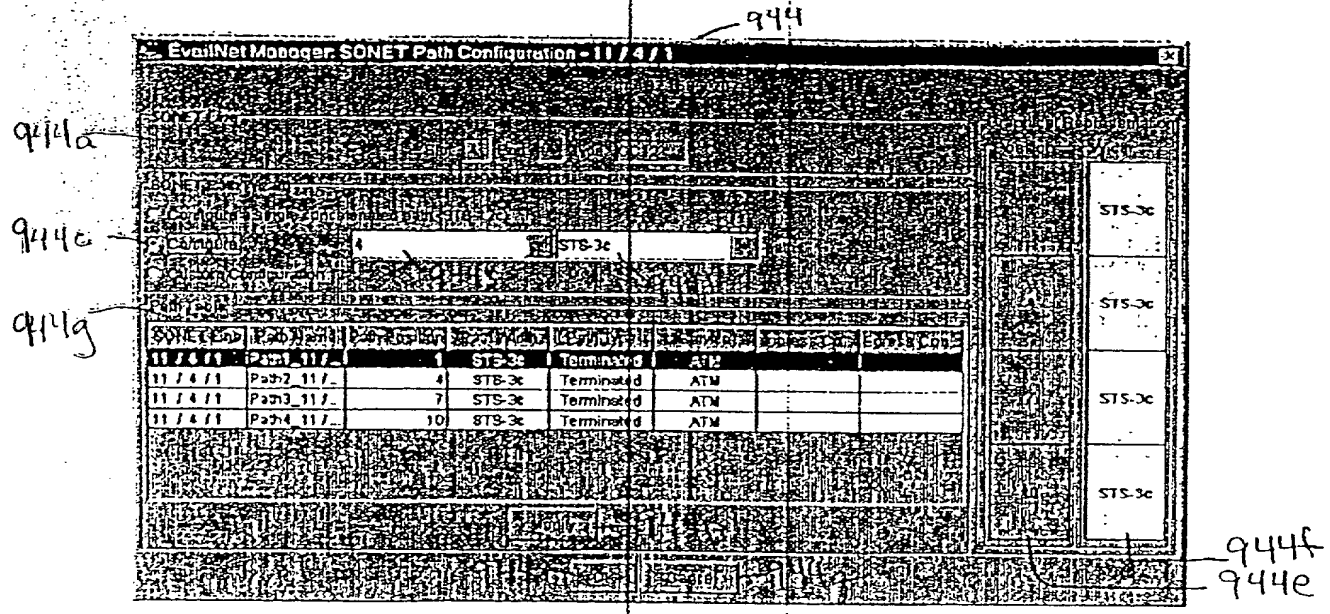


Fig. 5e



Fig. 5f

944

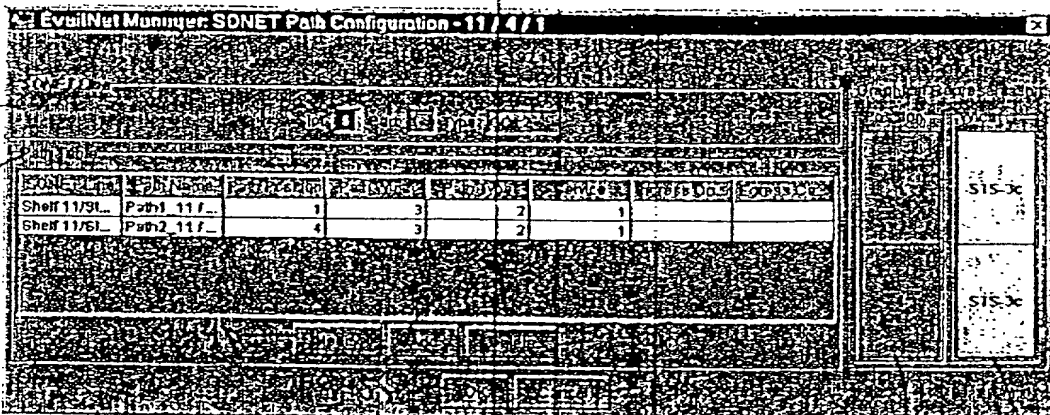
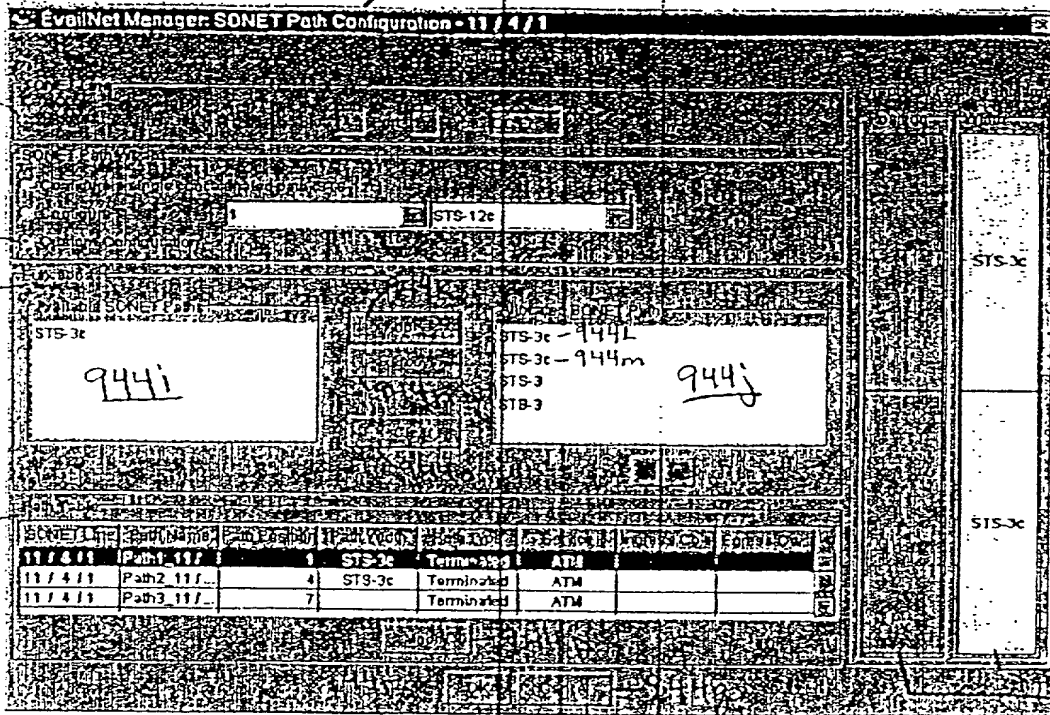
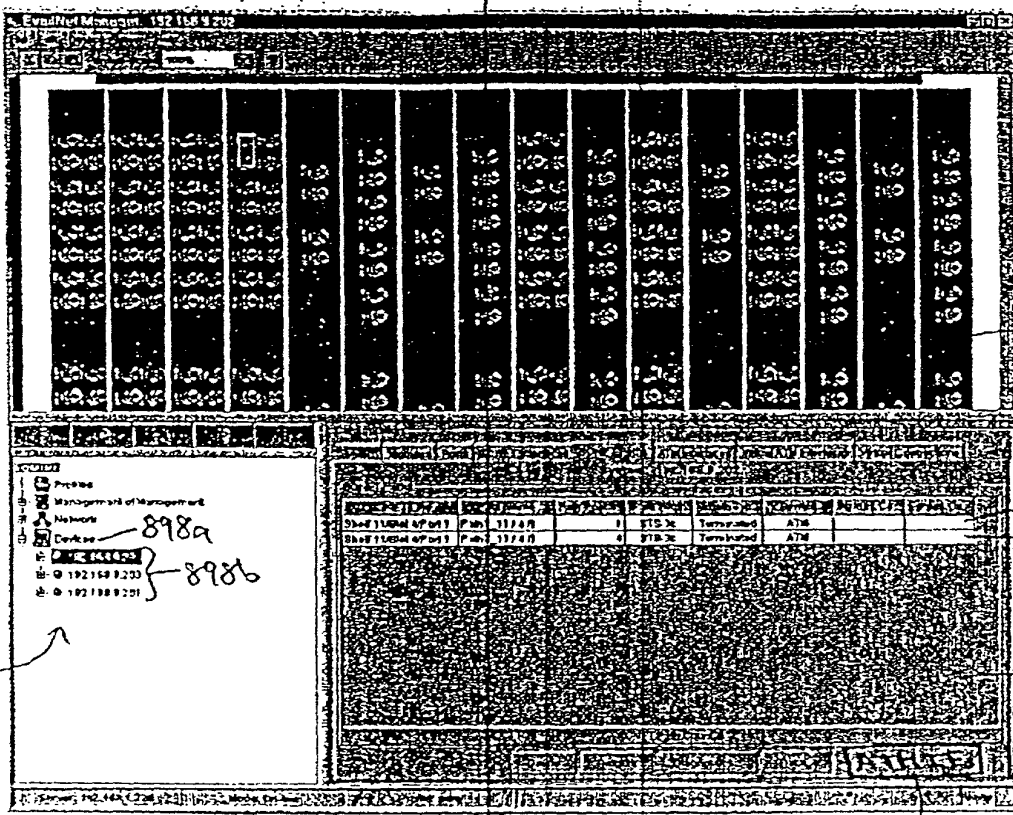


Fig. 5g

895



896a

898a

898b

942a

942b

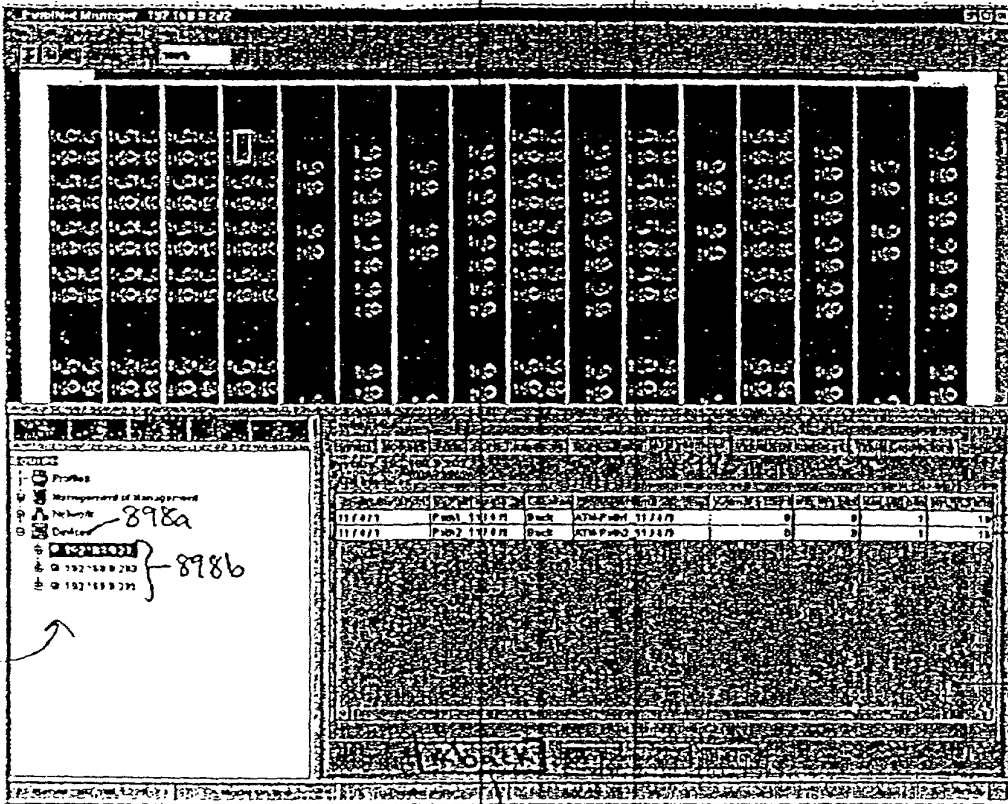
897

942c

Fig. 5h

898

895



946a  
946b

897

946h

Fig. 5i

898

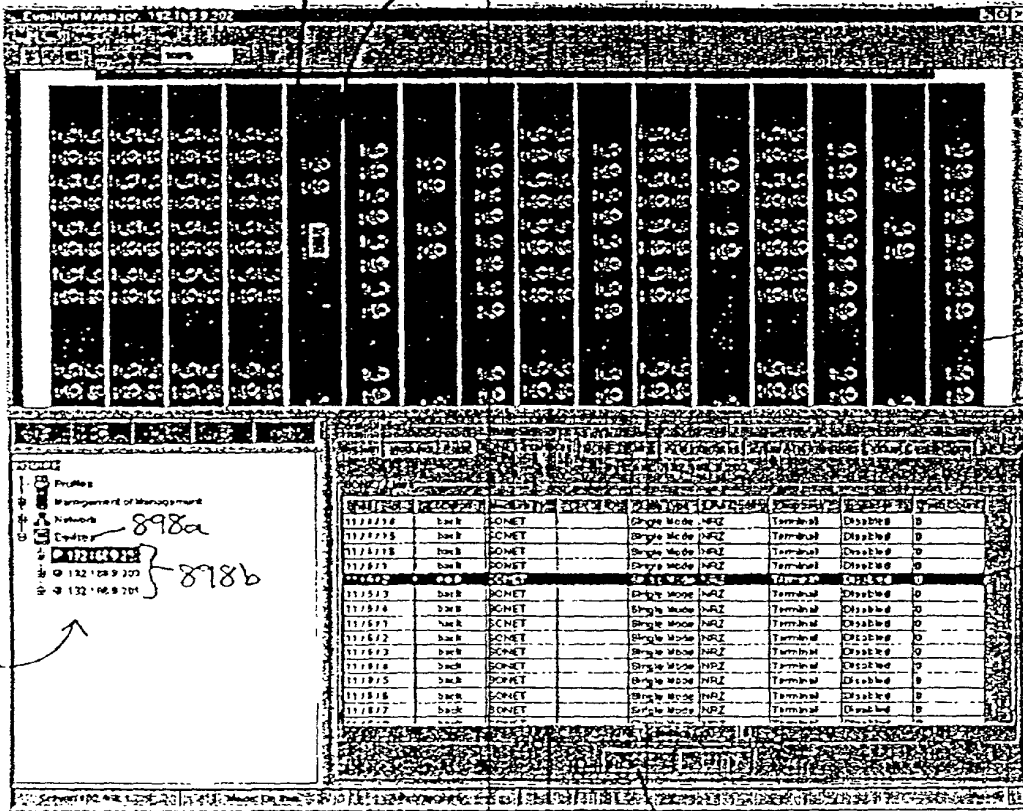
00756936-010901

Fig. 5j

556d

941a

895



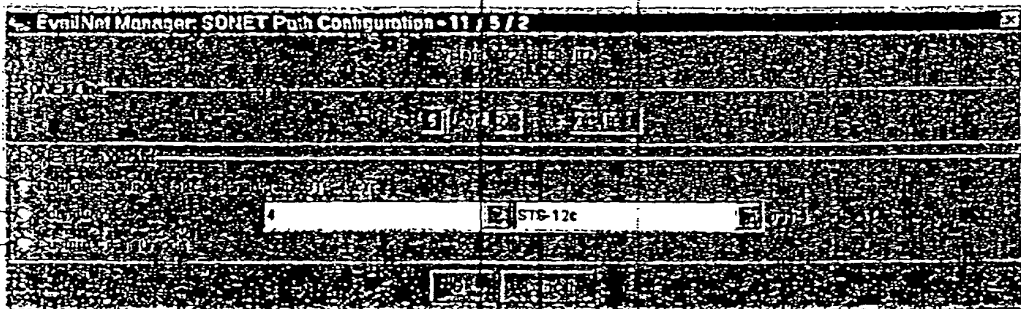
896a

949a

940a

898

Fig. 5k



944a

944b

944c

944d

944

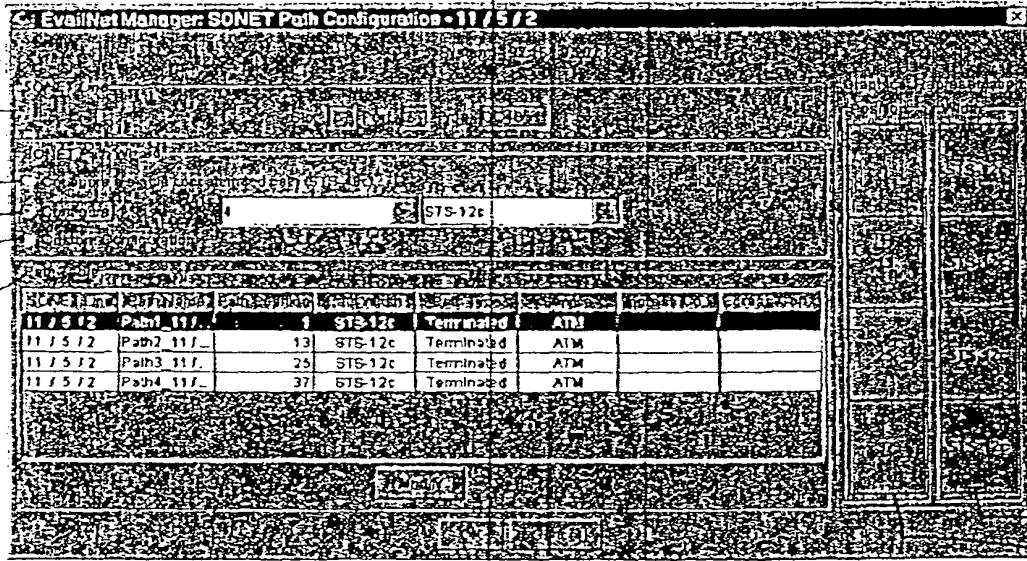
Fig. 5L

944



944a  
944b  
944c  
944d  
944g

944f  
944e



944a  
944b  
944c  
944d  
944g

944f  
944e

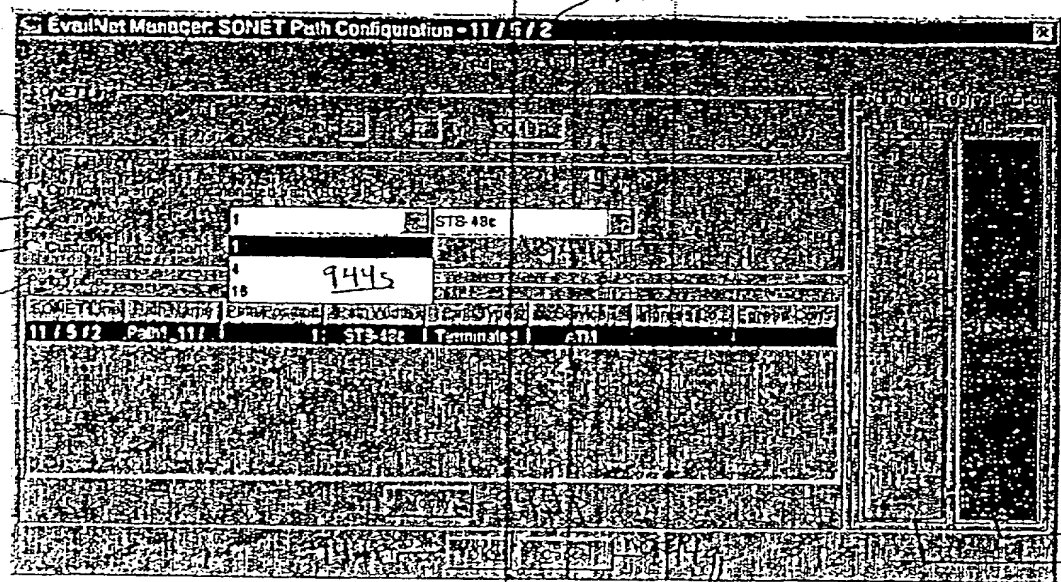
944

Fig. 5m

Fig. 5n

944

944a  
944b  
944c  
944d  
944g



944a  
944b  
944c  
944d  
944g

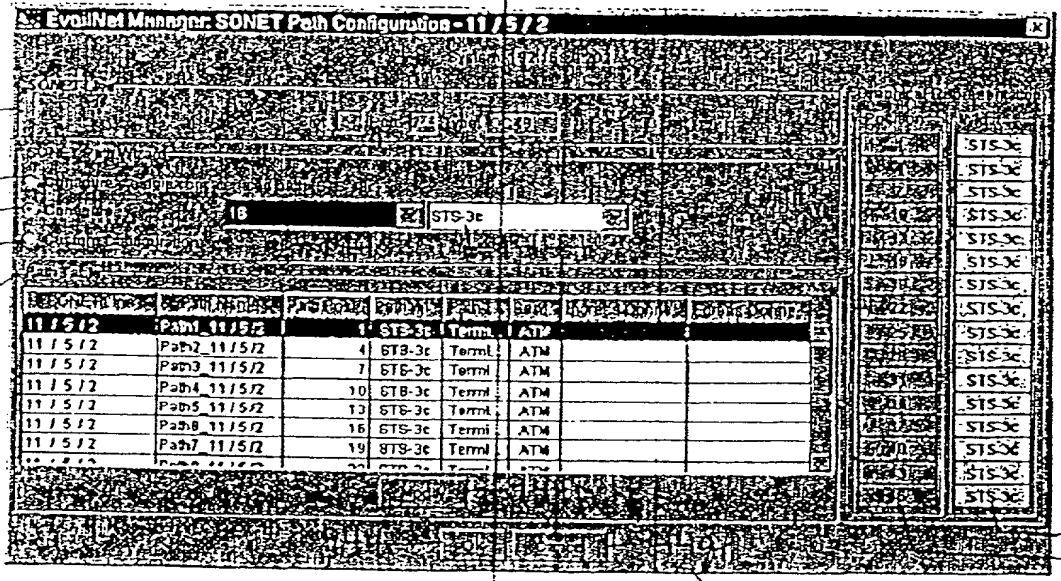


Fig. 5o

944

944f  
944e

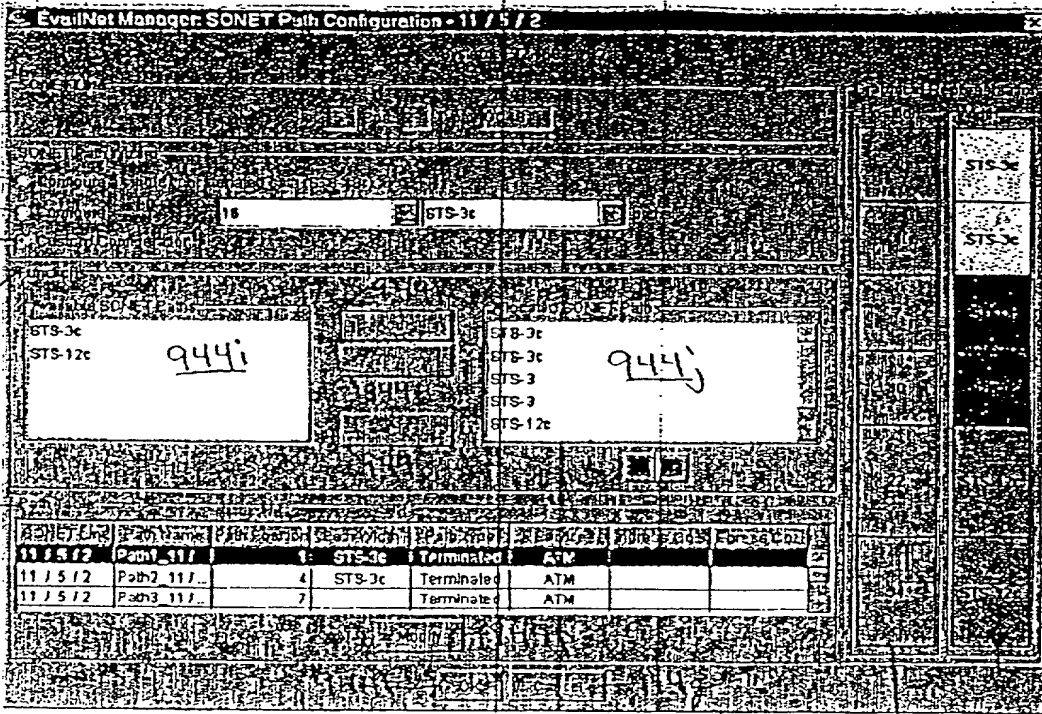


Fig. 5p

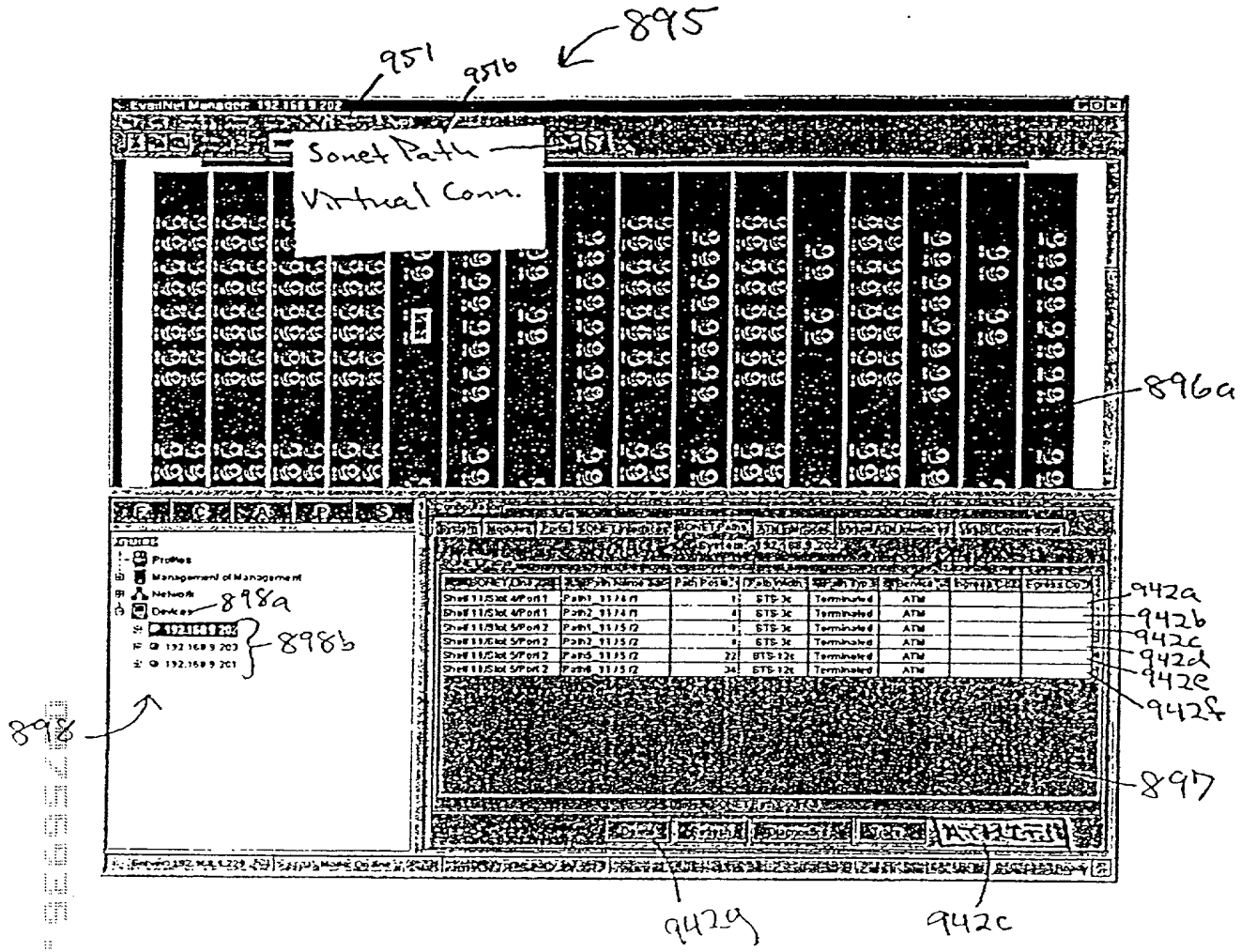
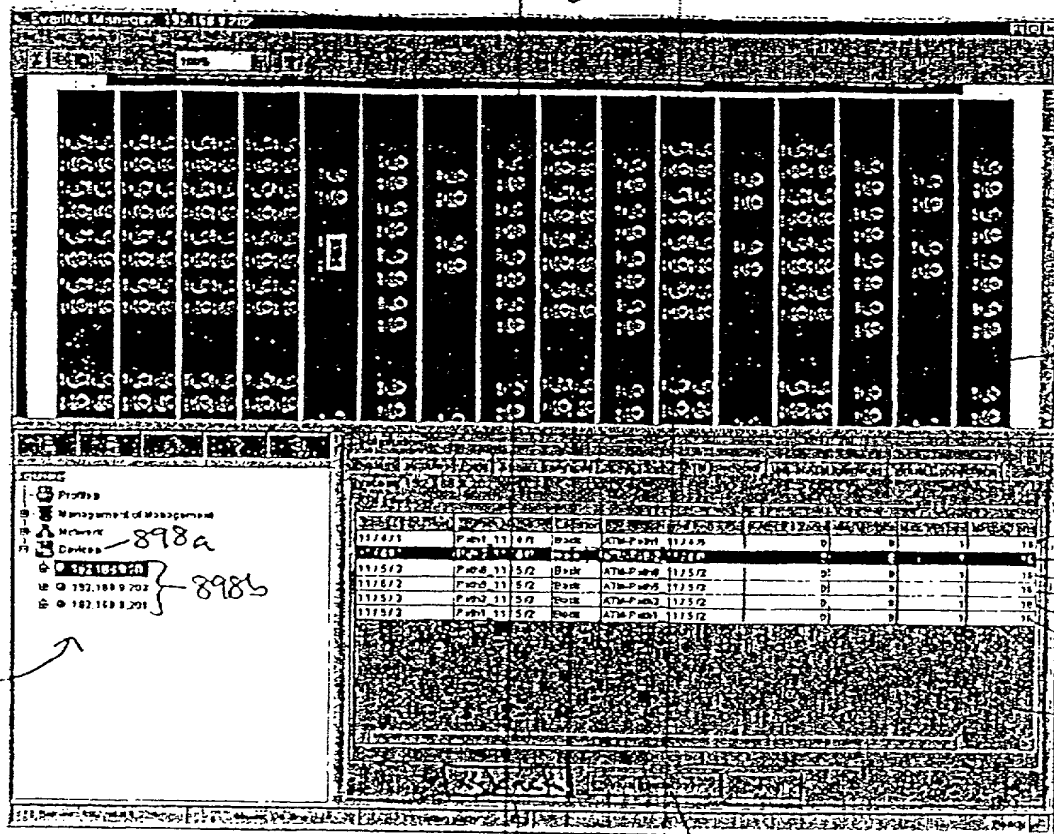


Fig. 5g



895



896a

898

946a  
946b  
946c  
946d  
946e  
946f

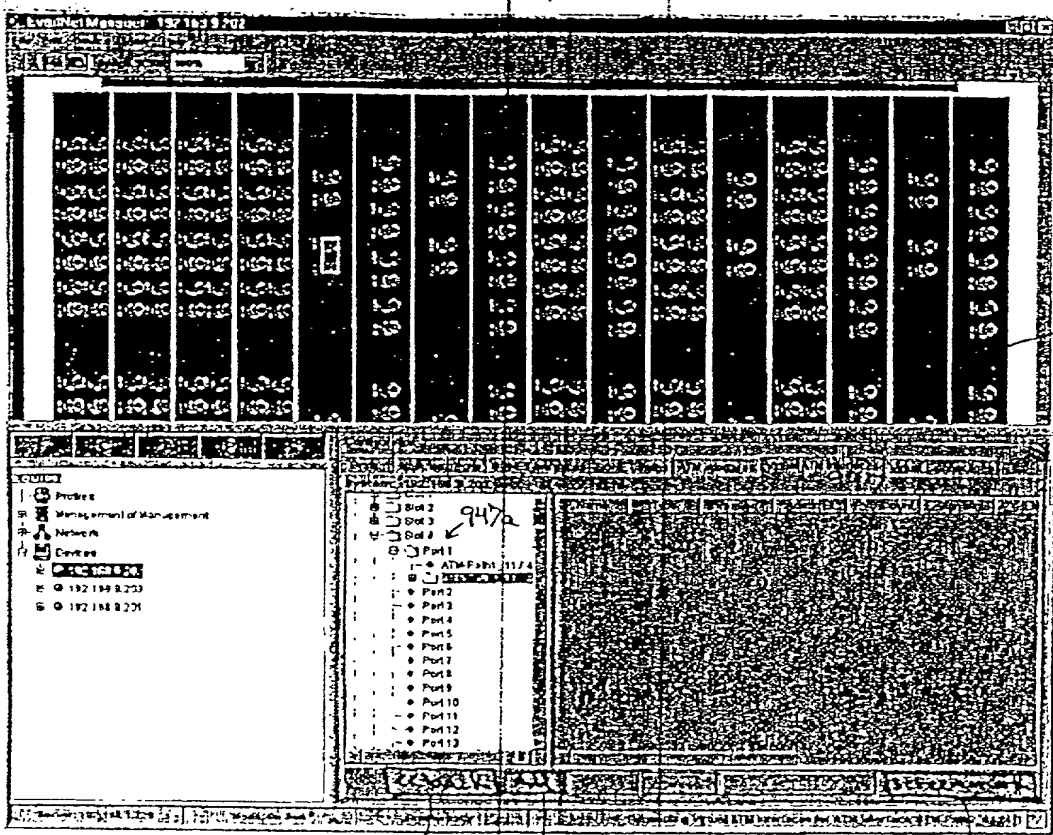
897

946h

946g

Fig. 5r

895



896a

947a

947b

959

Fig. 5s

0976936.04004

950

950d  
950a  
950b  
950c

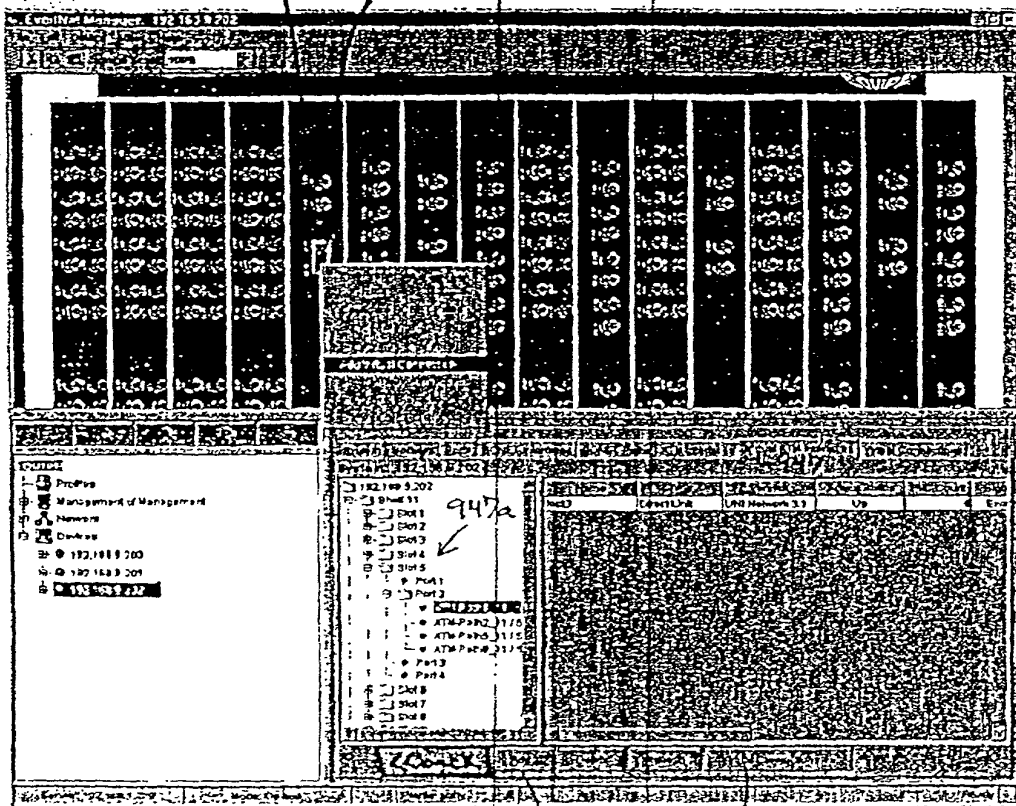
[illegible]

9475

Fig. 5u

556d 941a

← 895



947c

947b

947d

Fig. 5v

00756036 010907

952

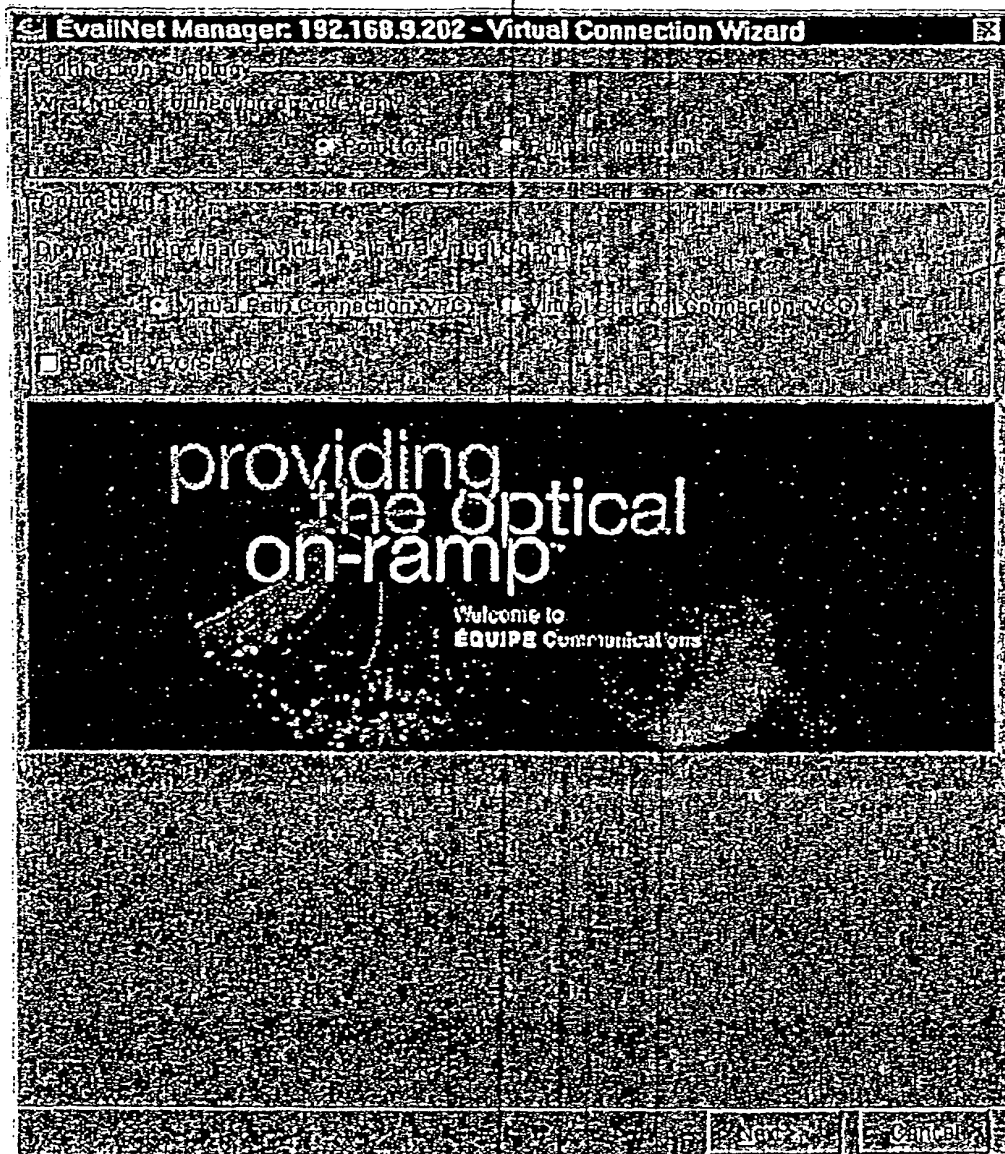


Fig. 5w

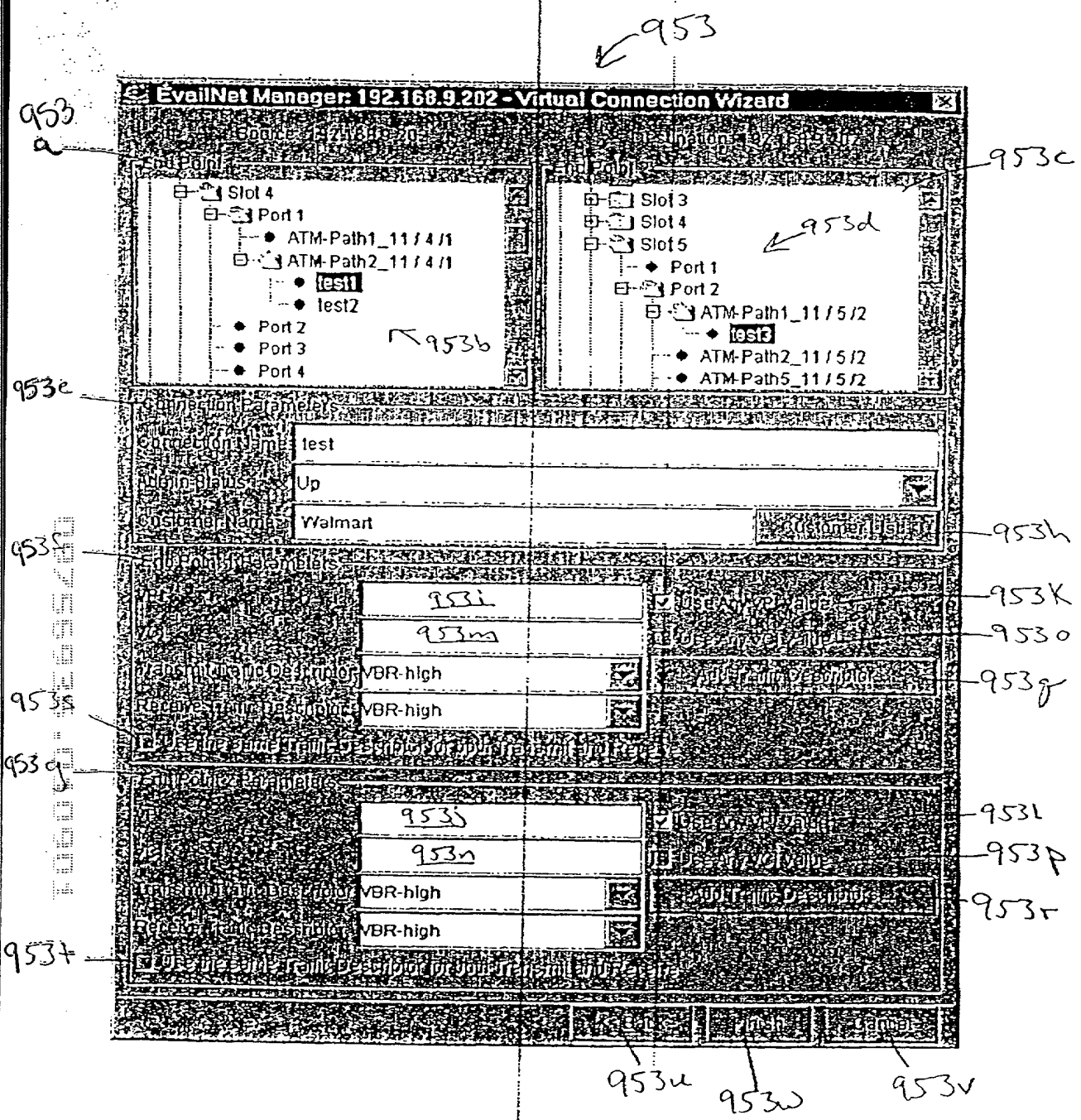


Fig. 5x

956

New Traffic Descriptor

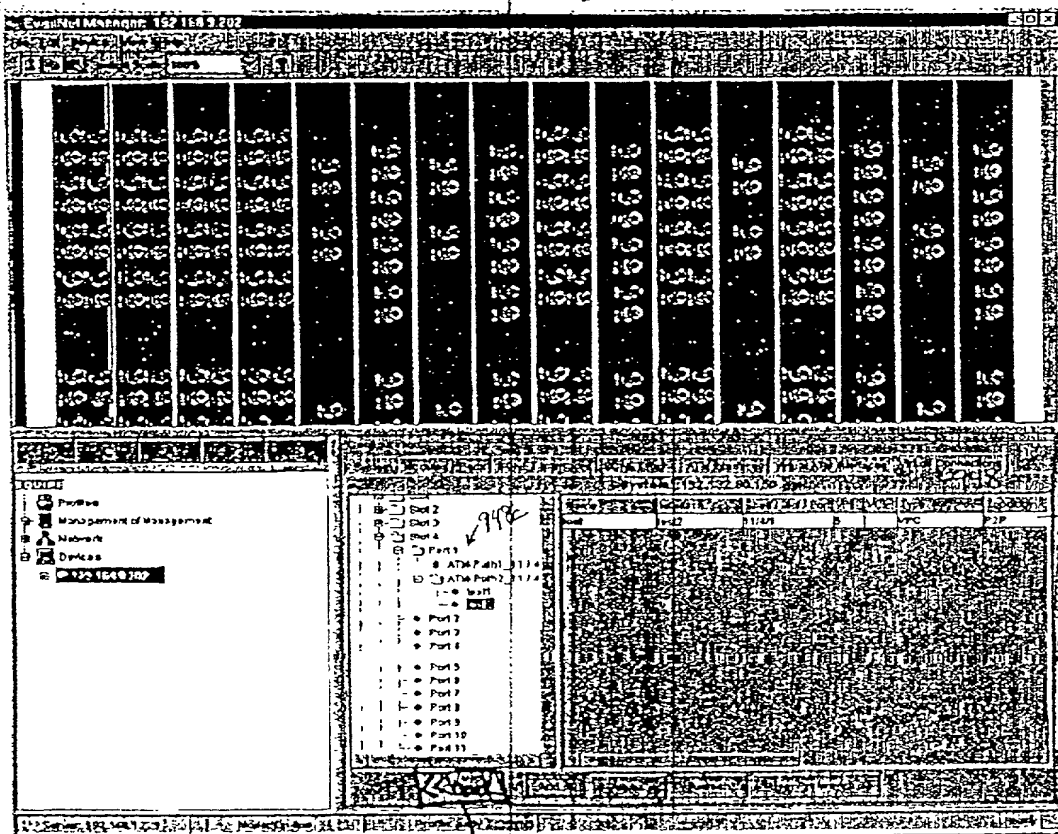
Name:

QoS Class:  ▼

Type:  ▼

Fig. 5Y

895



948a

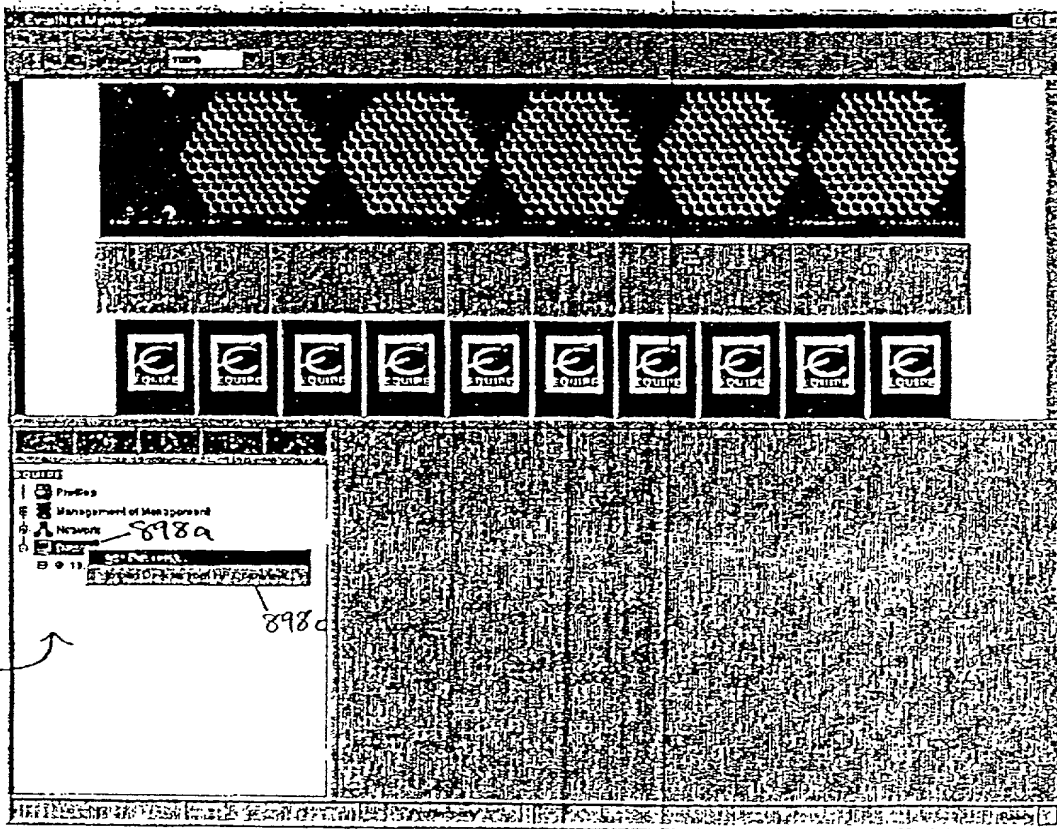
948b

Fig. 57

00763036 040907



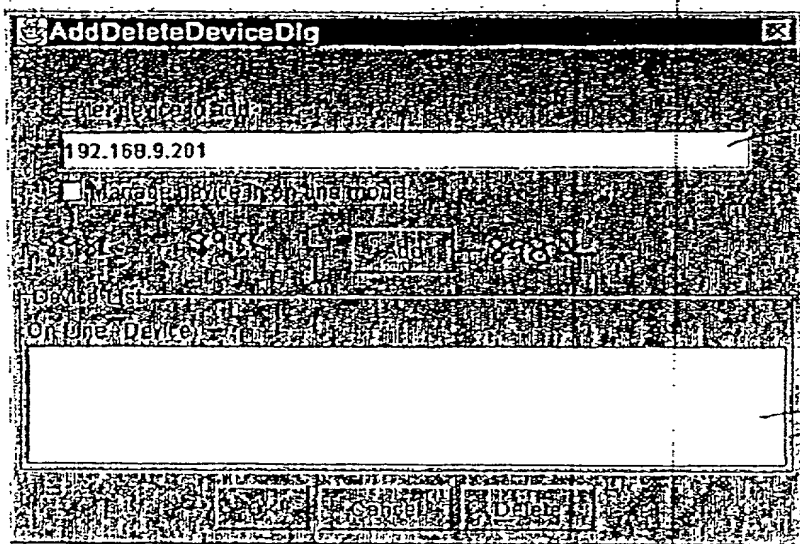
895



898

Fig. 6a

Fig. 6b

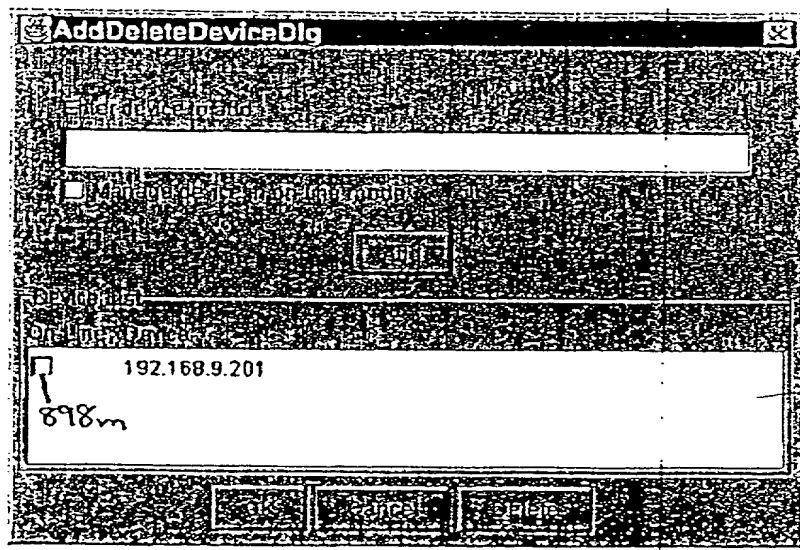


898e

898d

898g

Fig. 6c



898d

898g

00756936 040001 100010 9569260

895

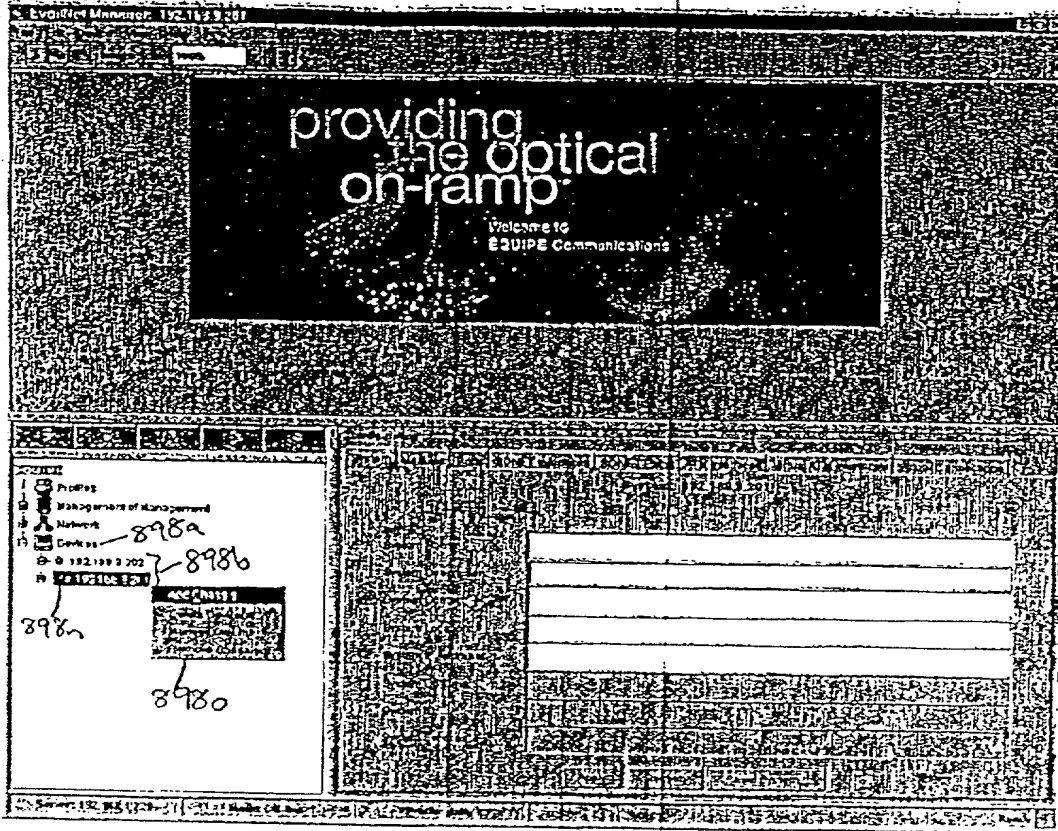


Fig. 6d

09756936 010601

Fig. 6e

[illegible]

895

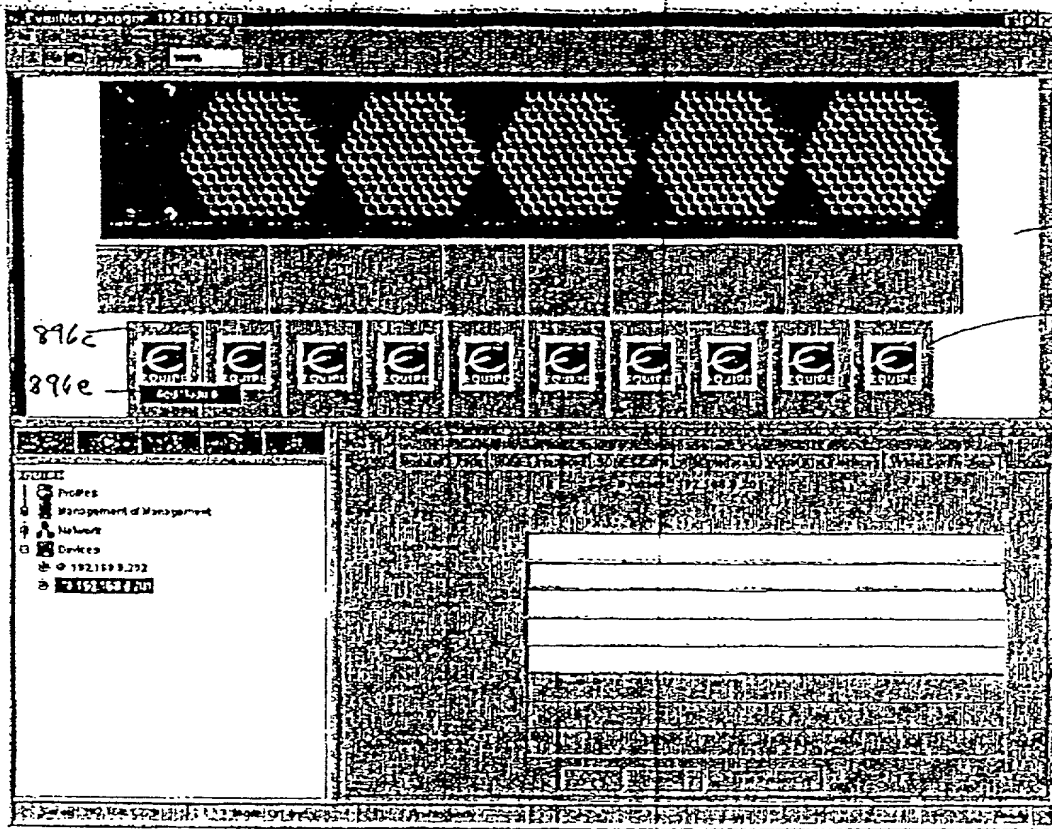


Fig. 6f

00755936 010004

895

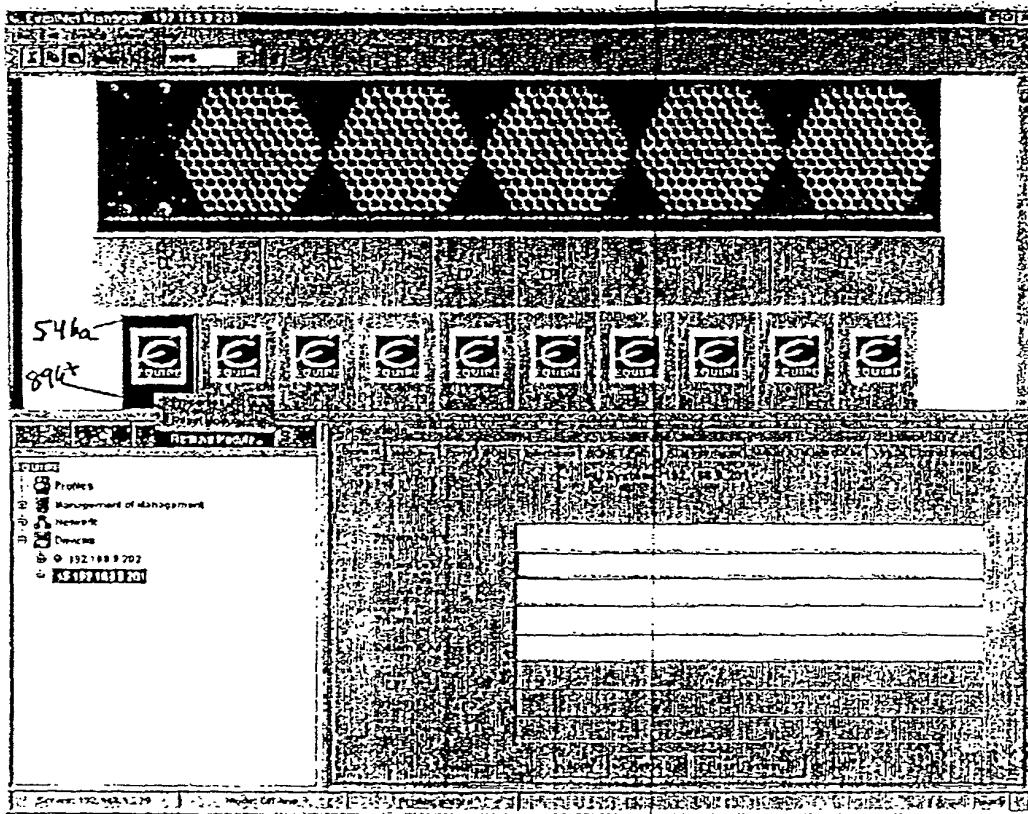


Fig. 69

09756936:010904

895

896f

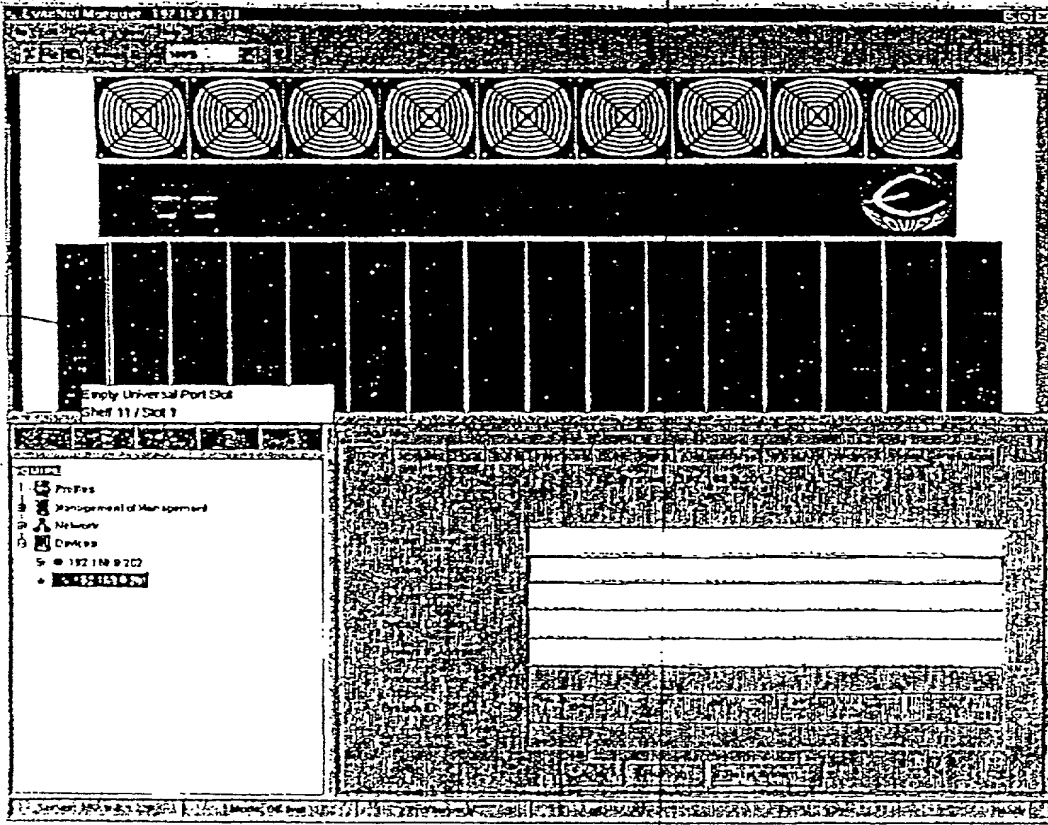


Fig. 6h

0076935 040004

895

896f

896g

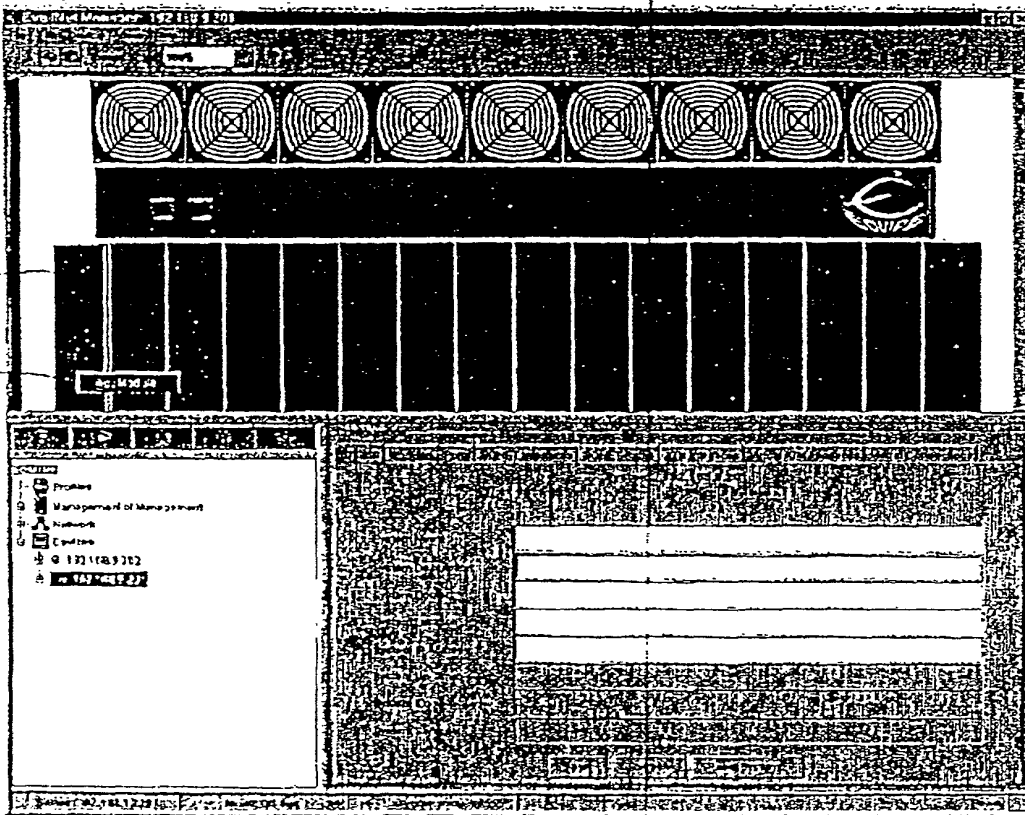


Fig. 6i

00755935-040001



Fig. 6j

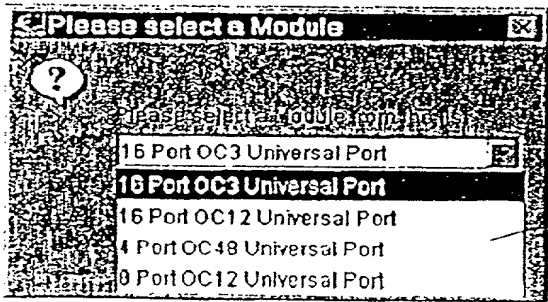
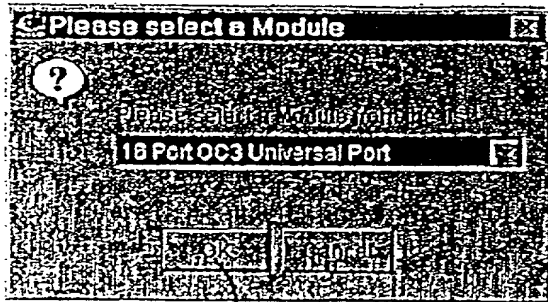


Fig. 6K

895

556

556

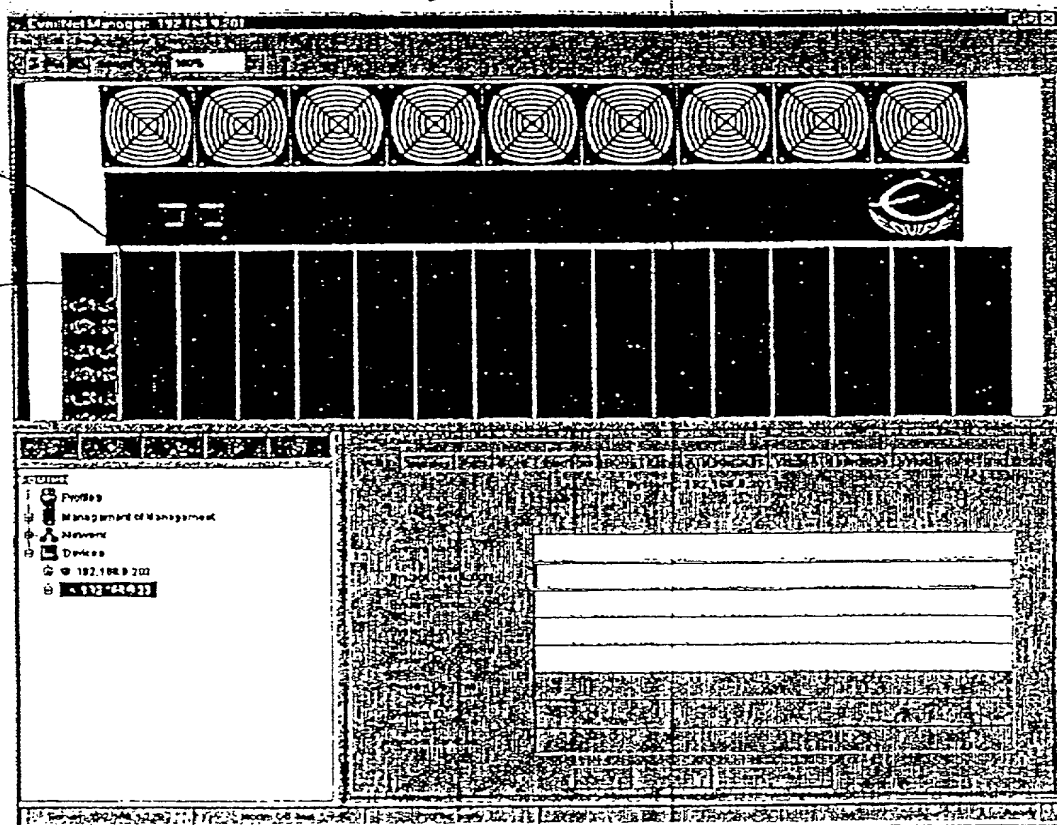
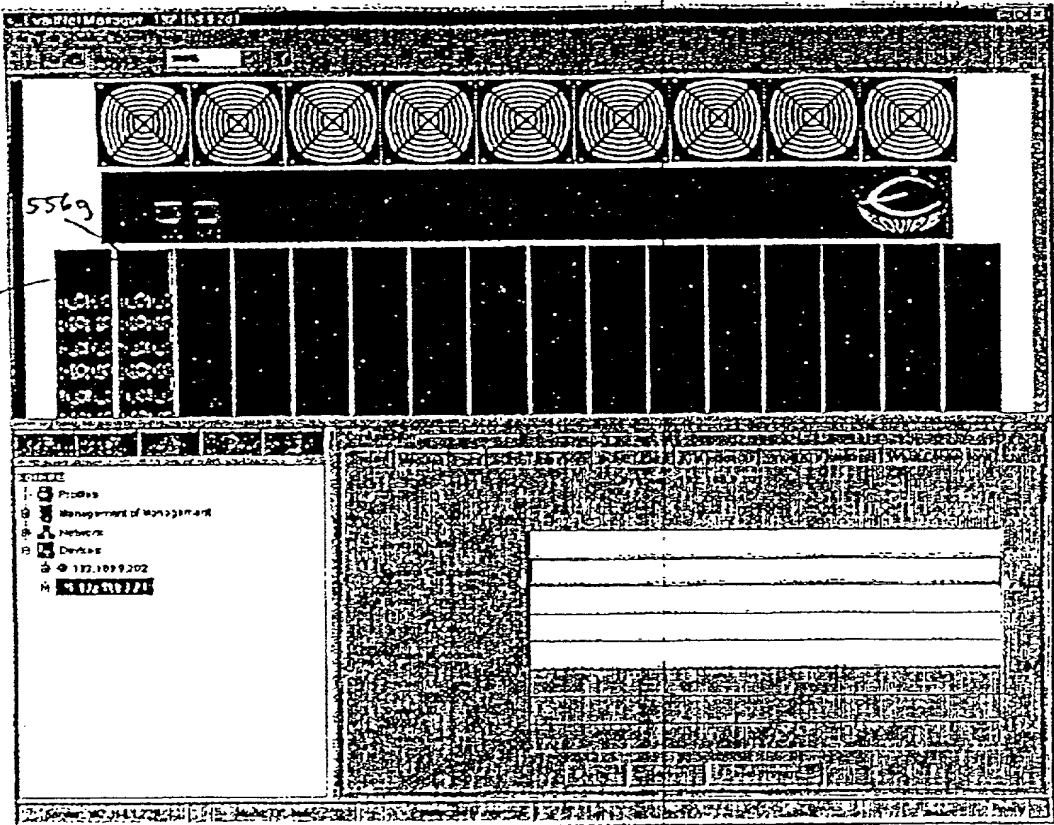


Fig. 6L

00756035-00004

895



5569

Fig. 6m

00756936 010001

895

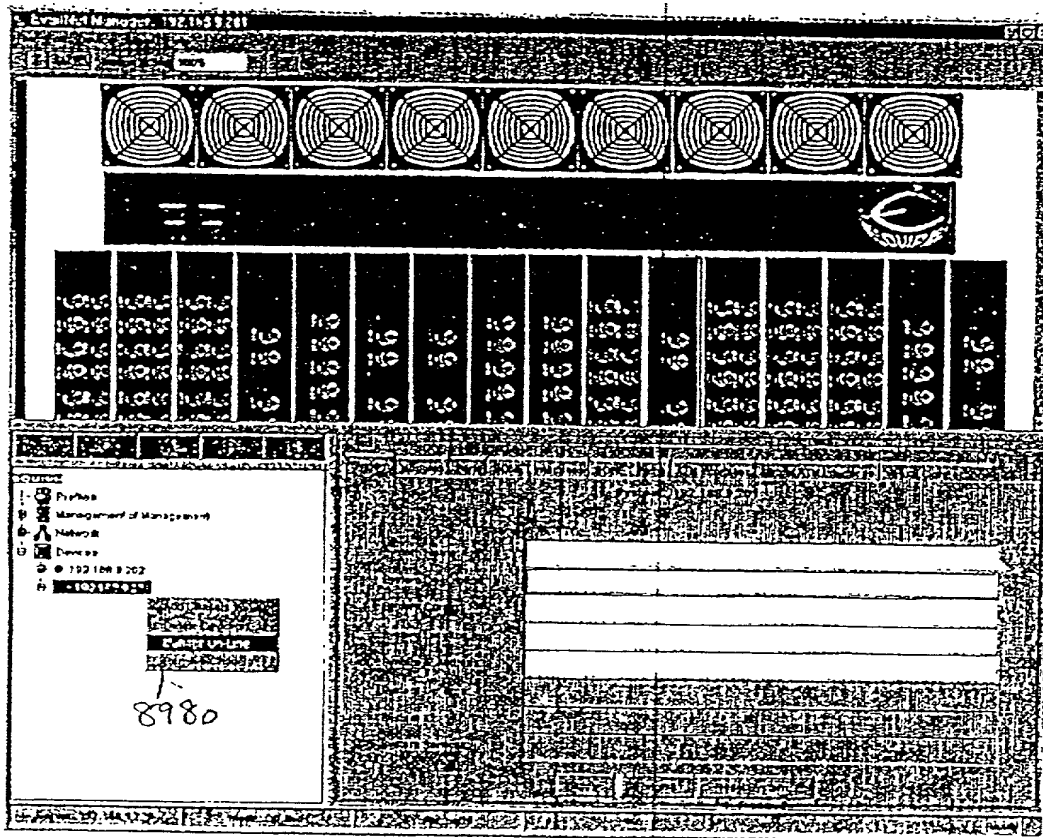
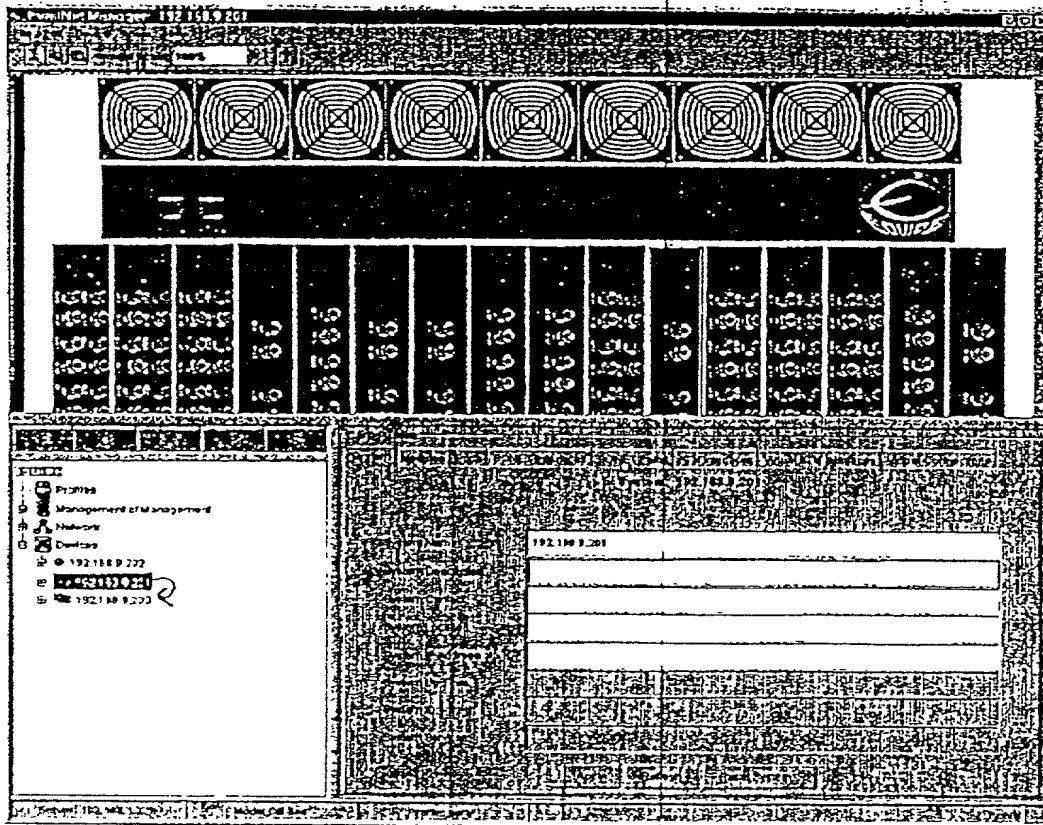
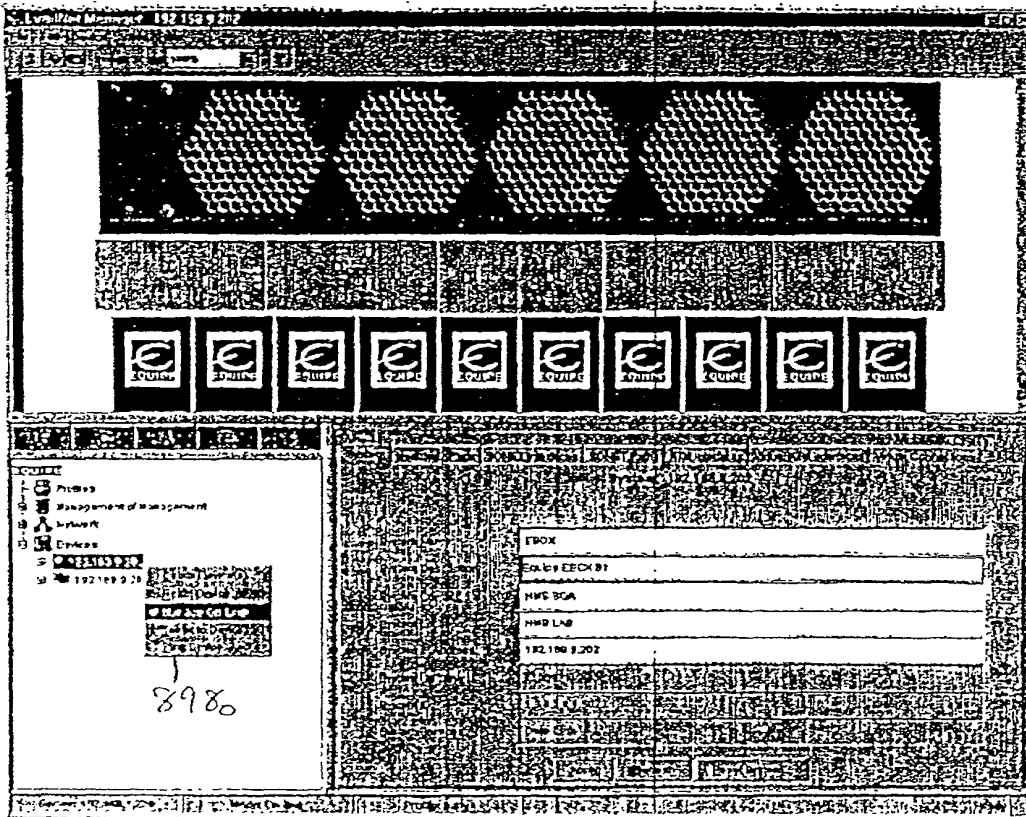


Fig. 6n

00766936 010001

[illegible]

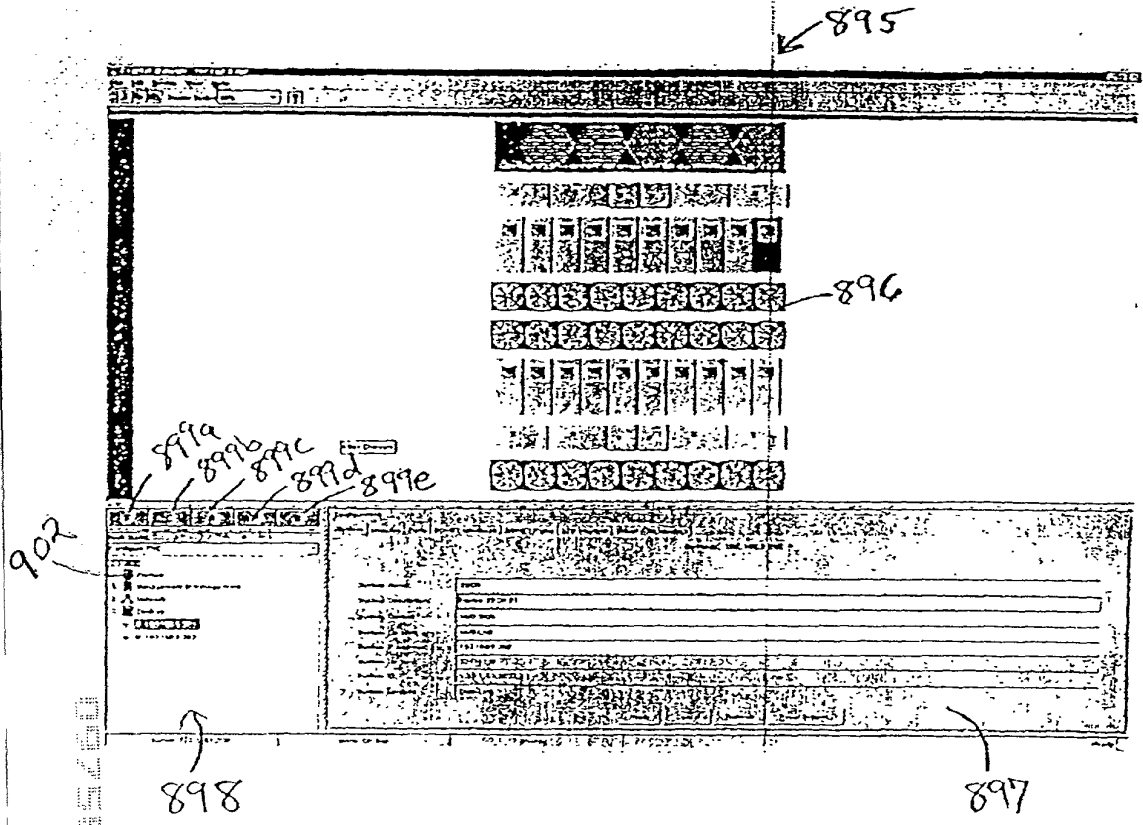
895



8980

Fig. 6p

09756936-040901



EvalNet Manager: Fault - Event Summary			
System: 192.168.65.160			
System	Event	Event Number	Description
1.1.55.6	Fan OverTemp	44	"Fan marginally functioning"
1.1.55.7	New Board Ins...	75	"New board Inserted"
<div>OK</div>			

Fig. 7b

00736036 040001



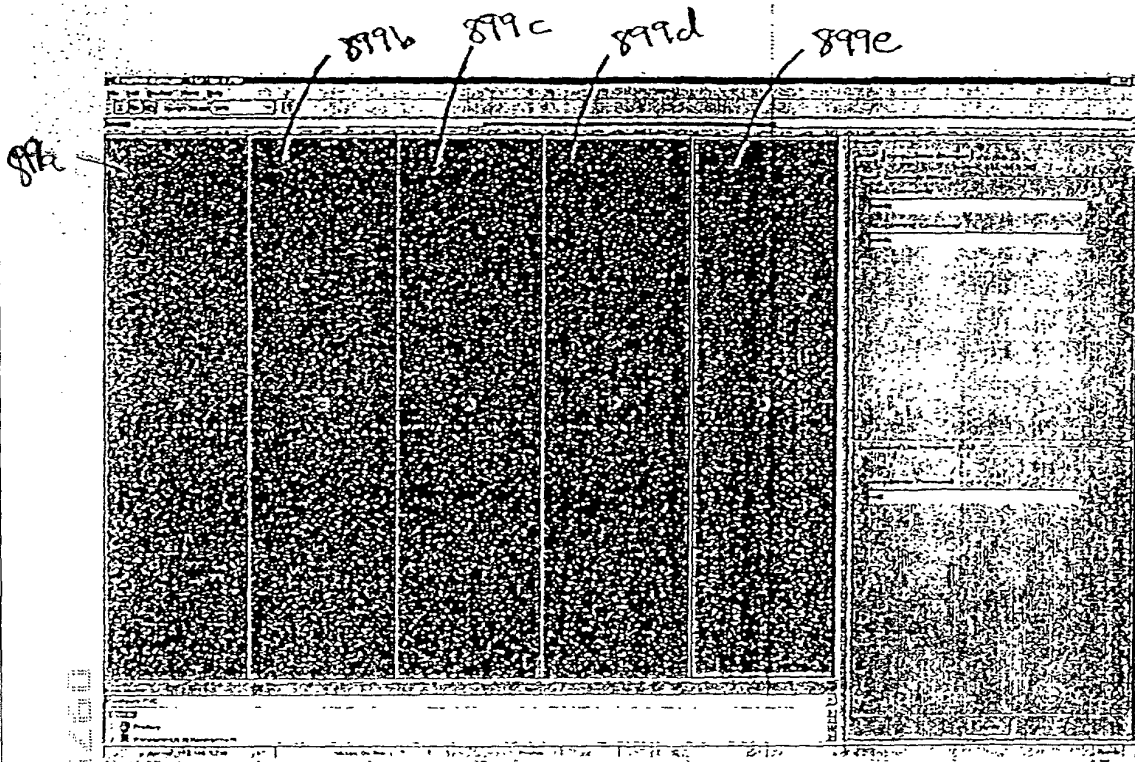


Fig. 7c

895

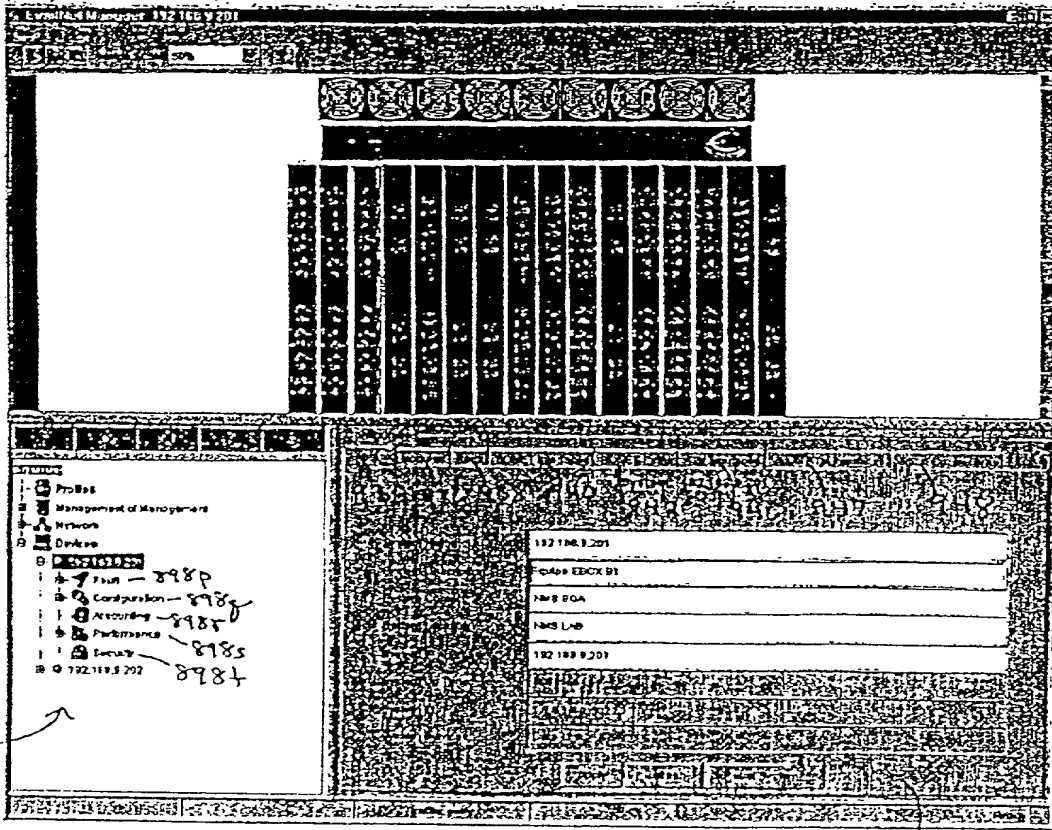


Fig. 7d

895

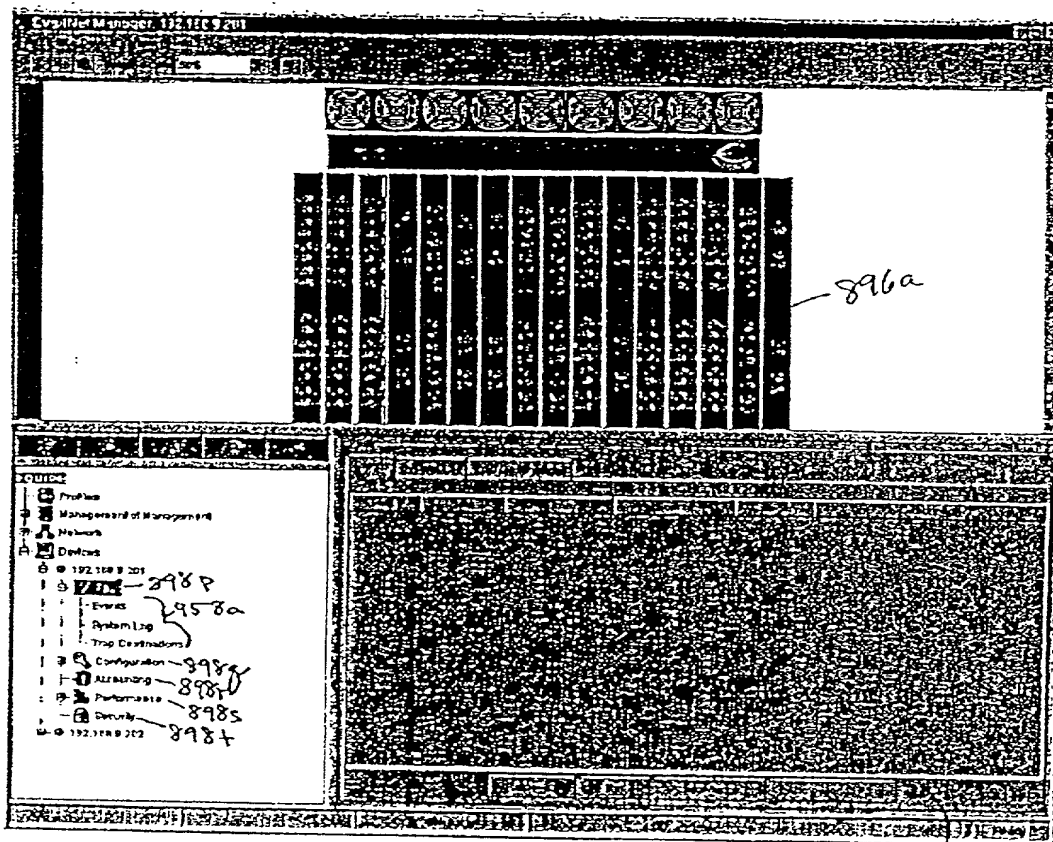
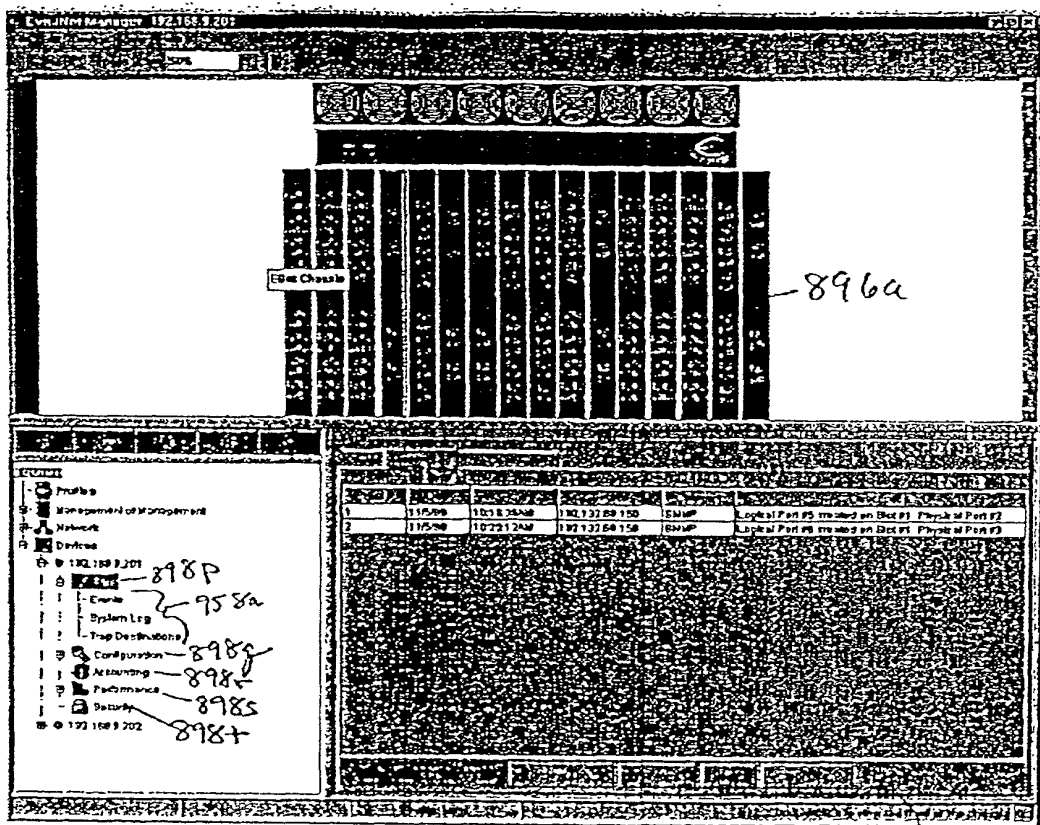


Fig. 7e

895



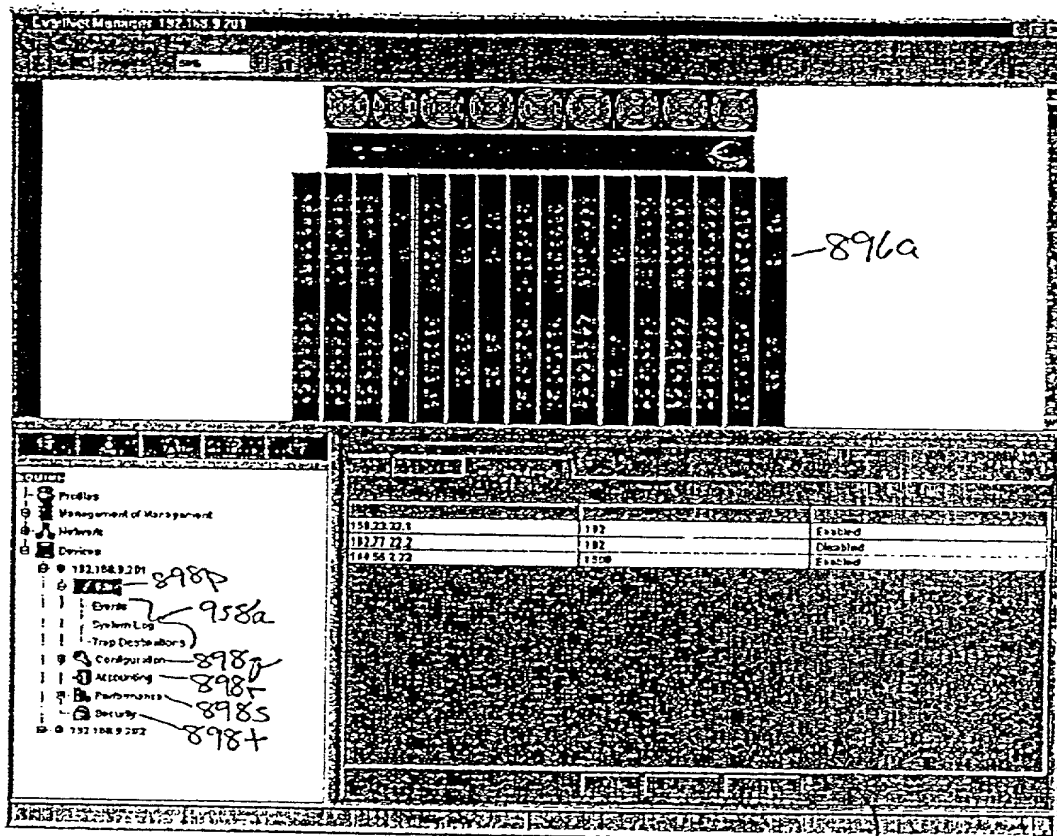
896a

897

Fig. 74

0076695-040001

895



897

Fig. 7a

00756936 010901

895

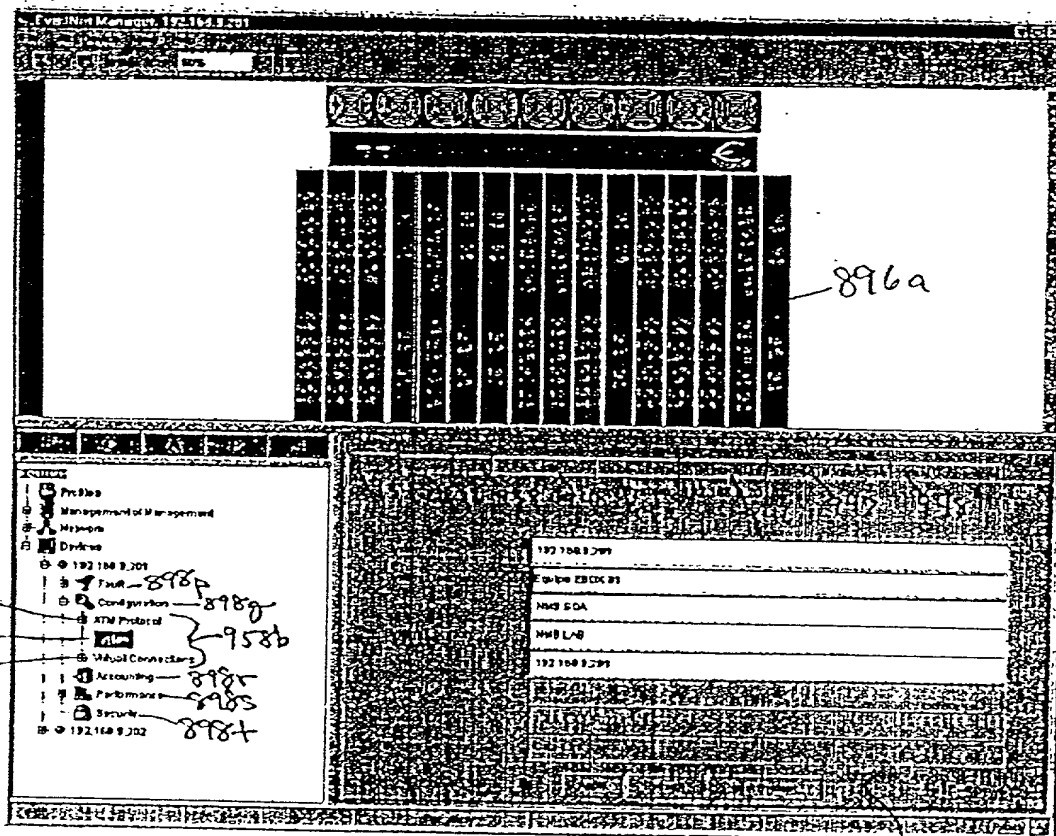


Fig. 7h



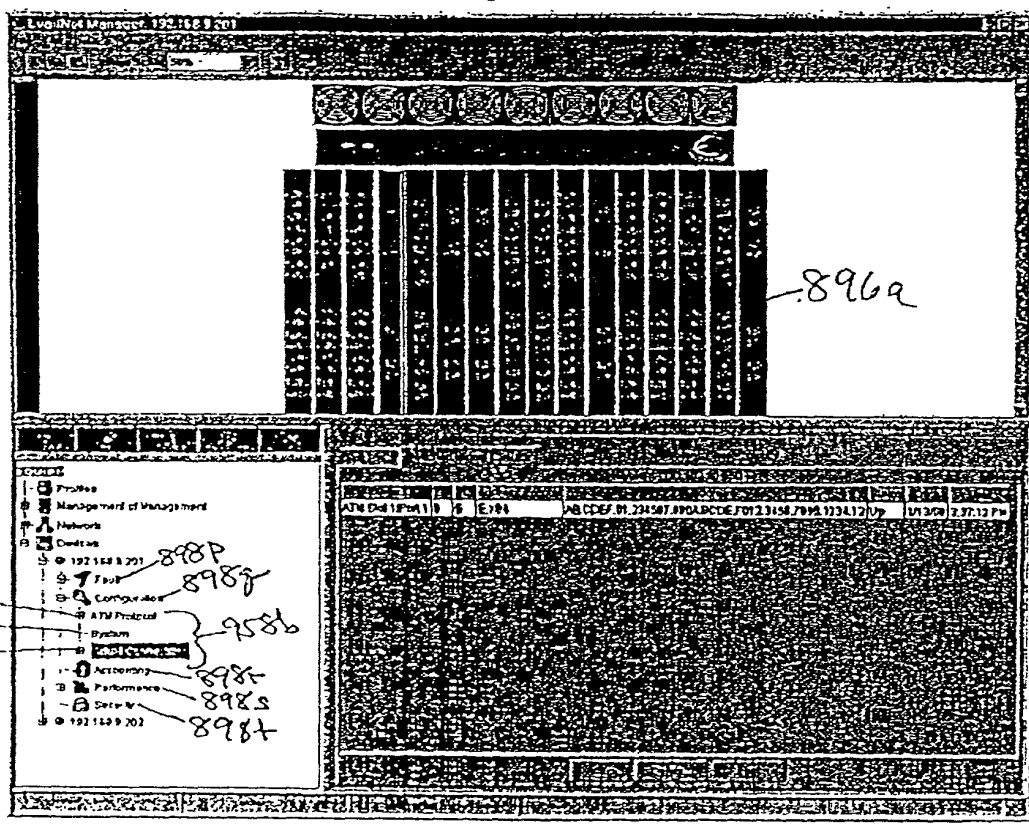




895

958c  
958d  
958e

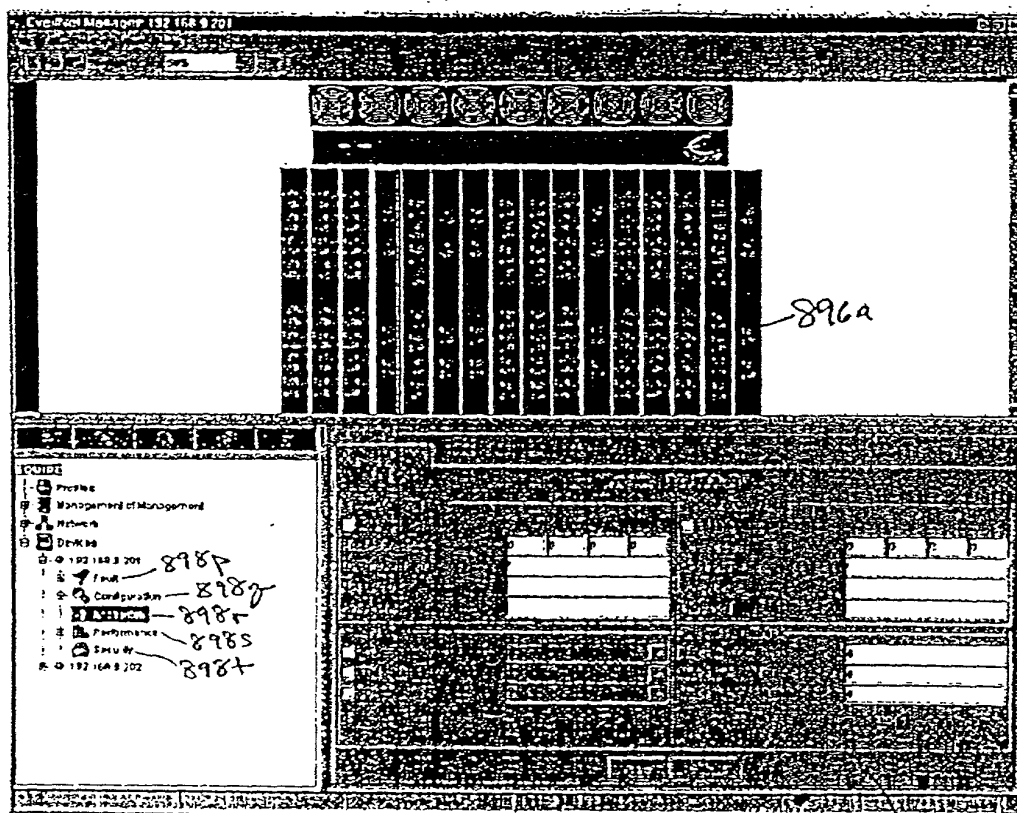
898P  
898j  
958b  
898f  
898s  
898t



896a

Fig. 7K

895



896a

897

Fig. 7L

00756936-010901

895

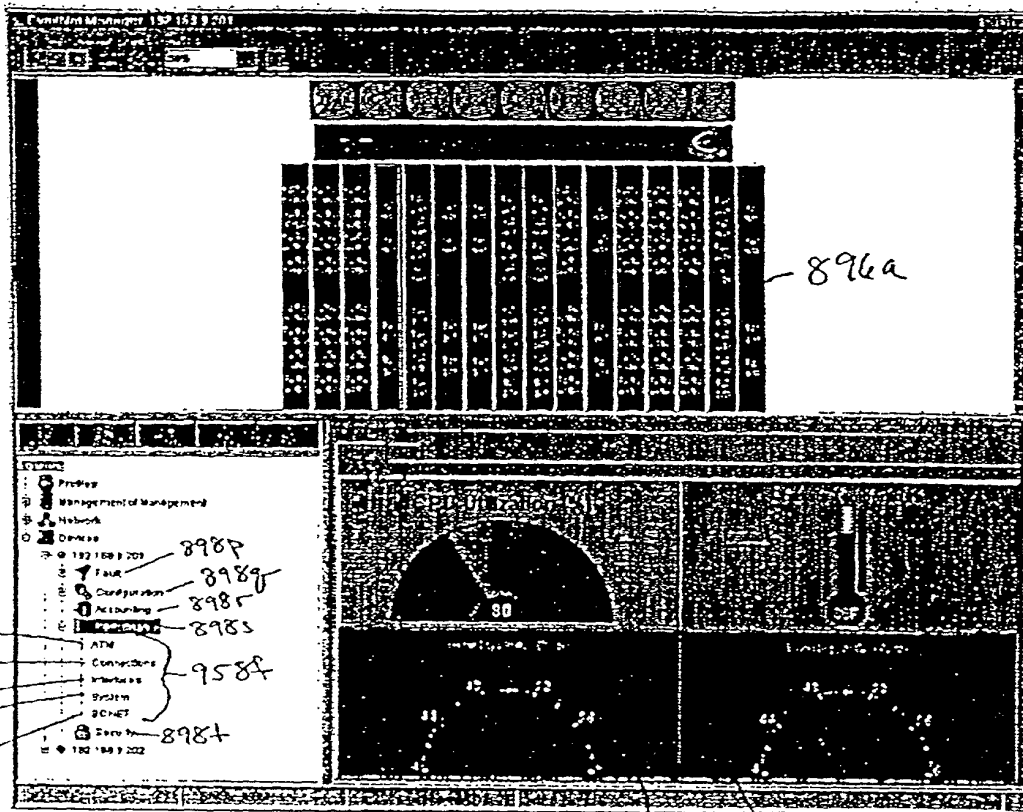


Fig. 7m

895

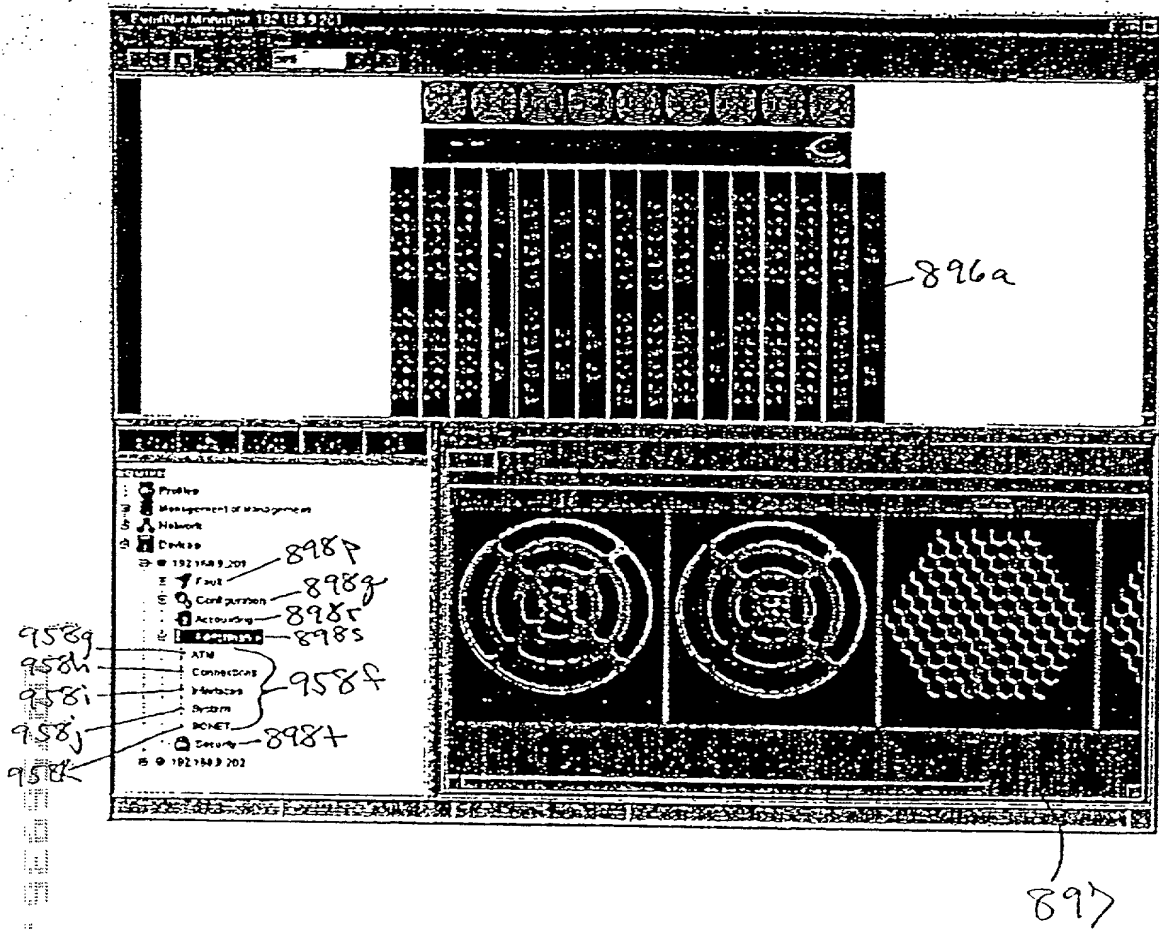
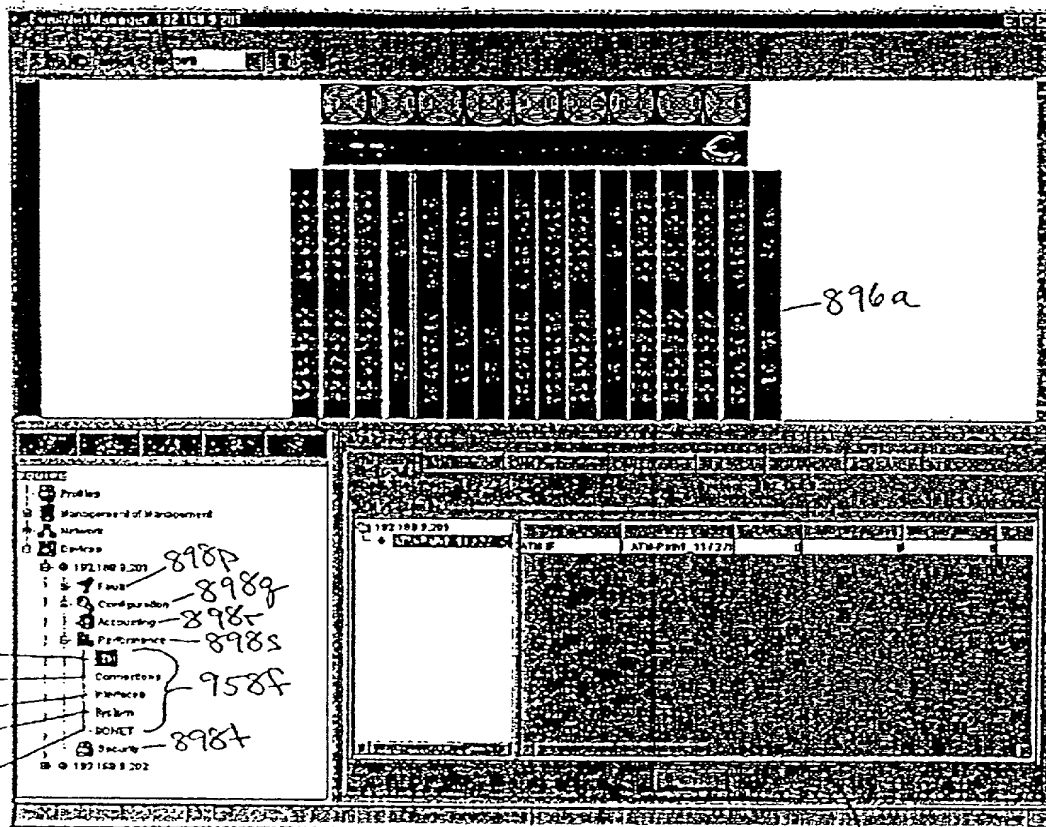


Fig. 7n

895



898p  
898g  
898h  
898i  
898j  
898k  
898r  
898s  
898t  
898u

Fig. 70

895

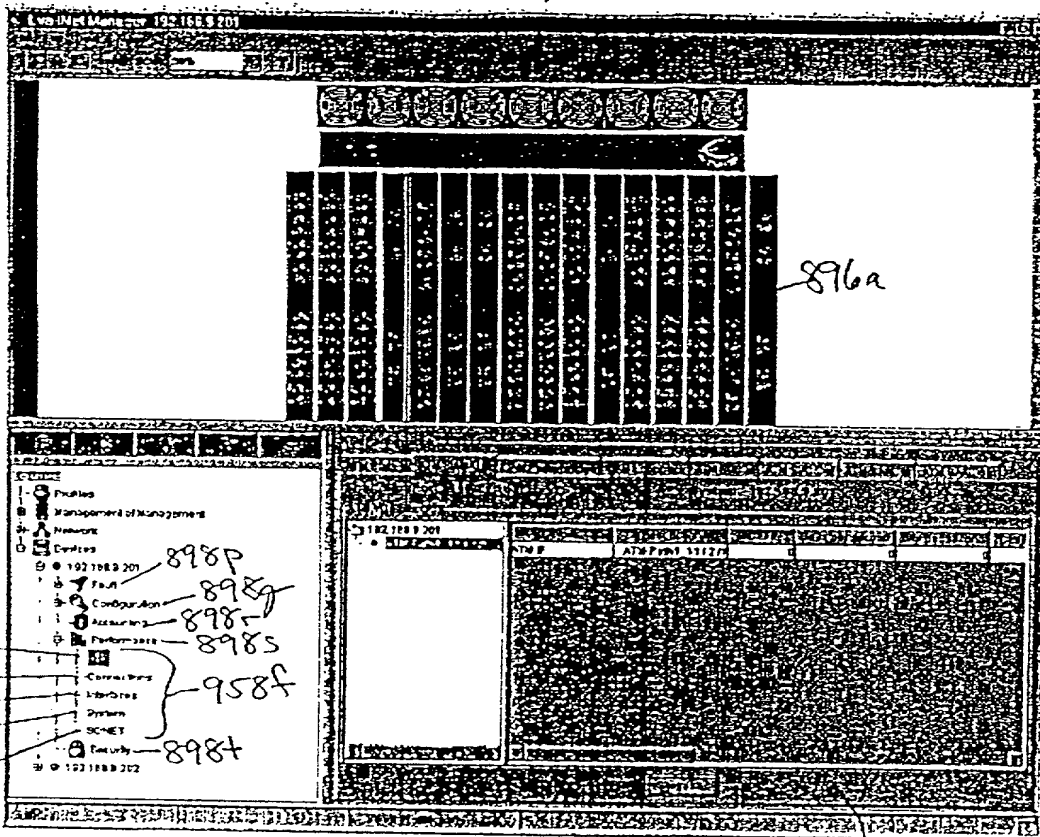


Fig. 7p

895

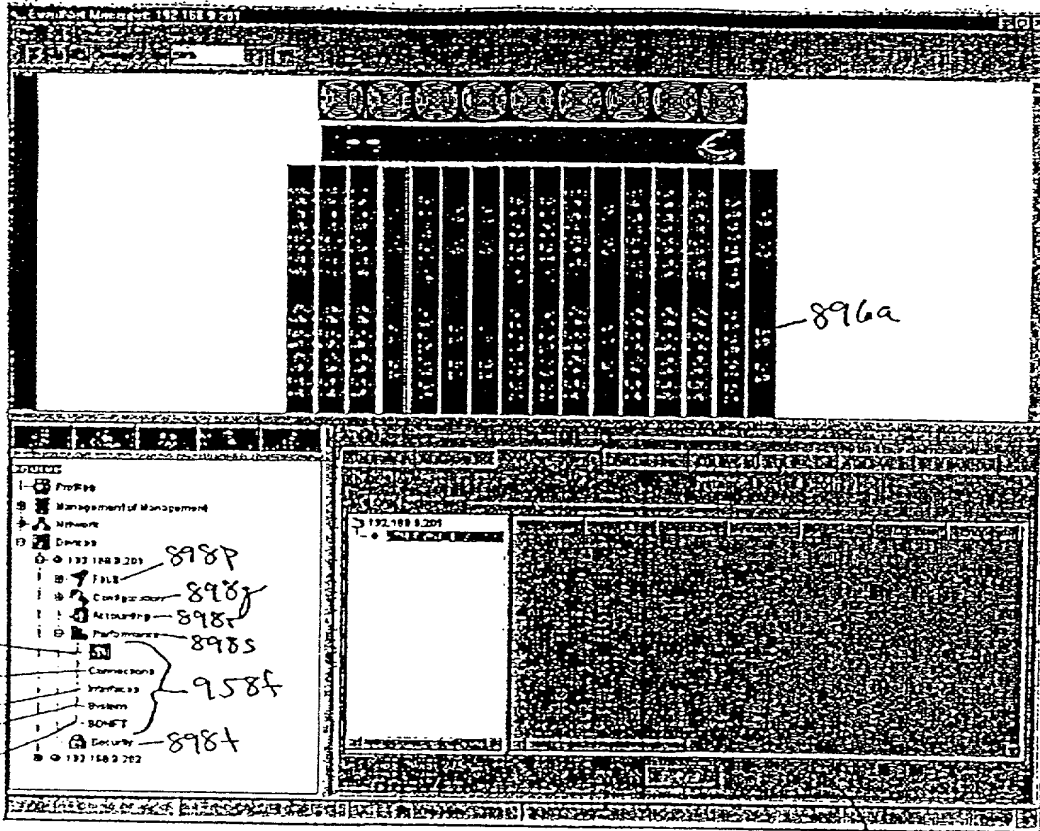


Fig. 7g

895

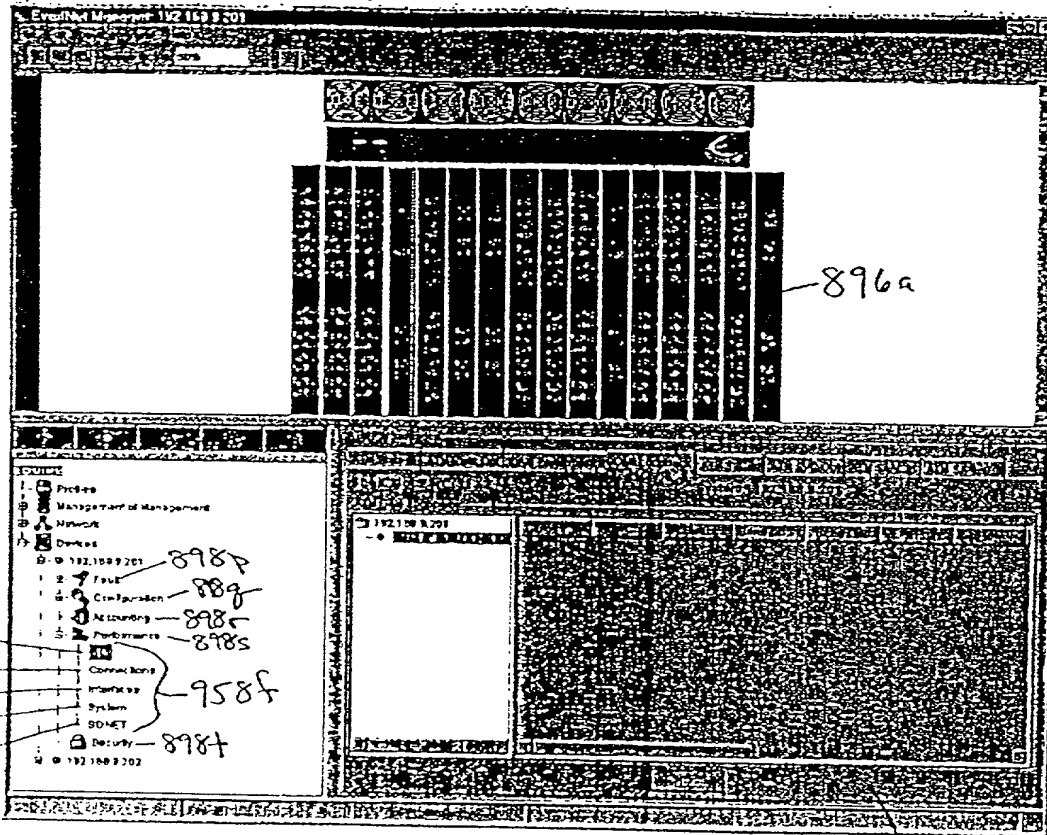


Fig. 7



895

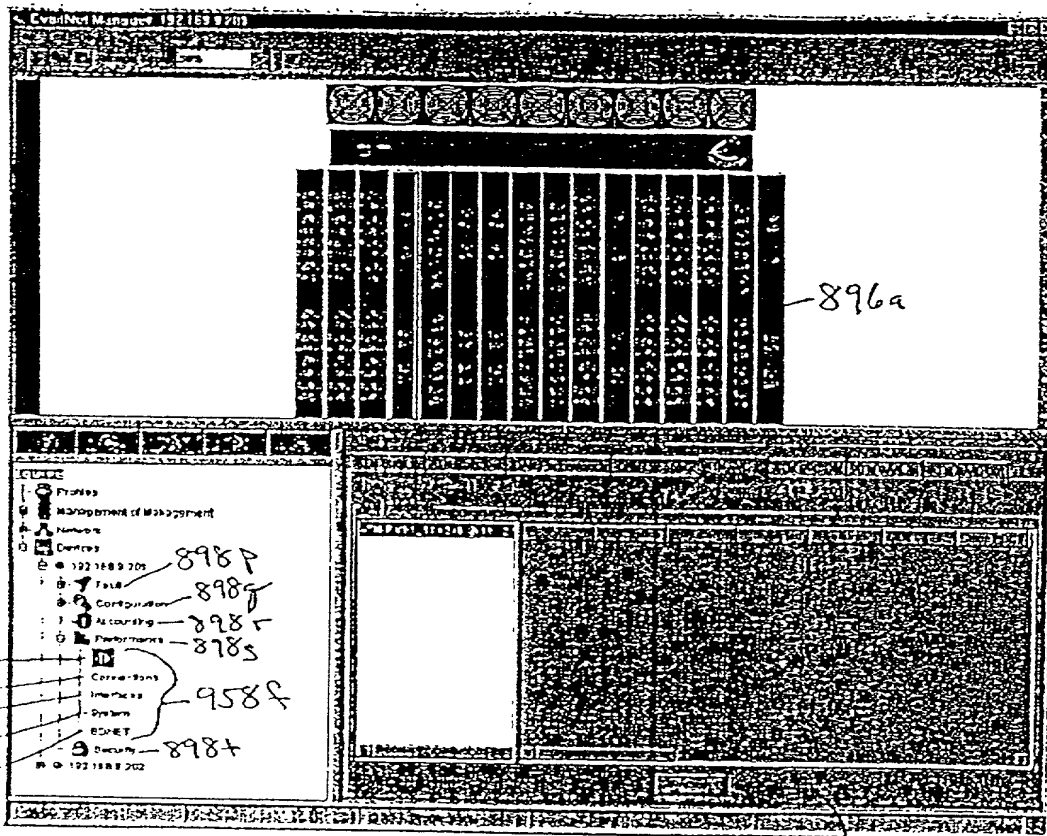


Fig. 7s

895

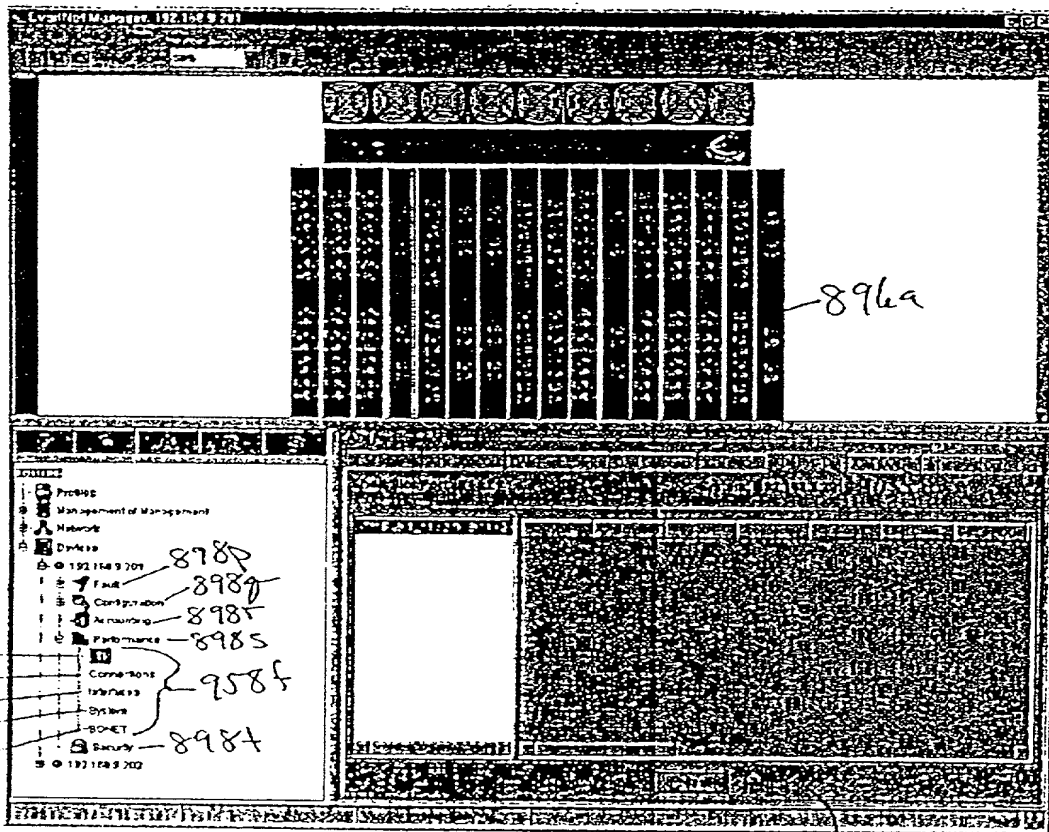
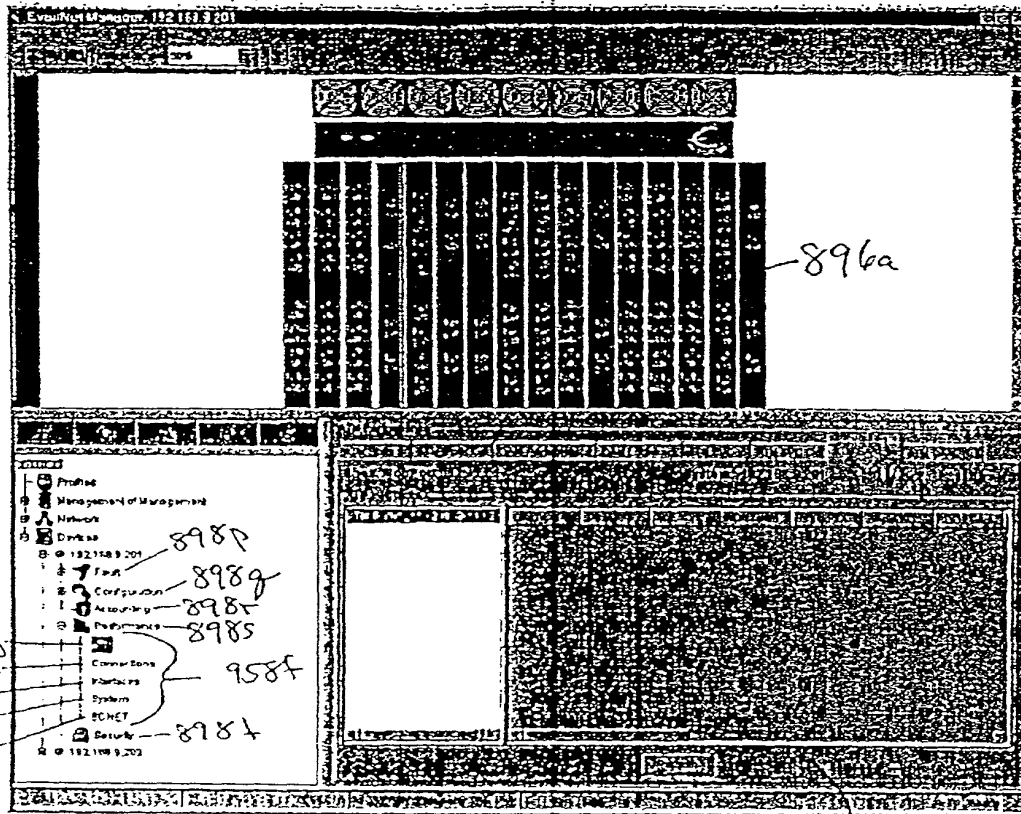


Fig. 7+

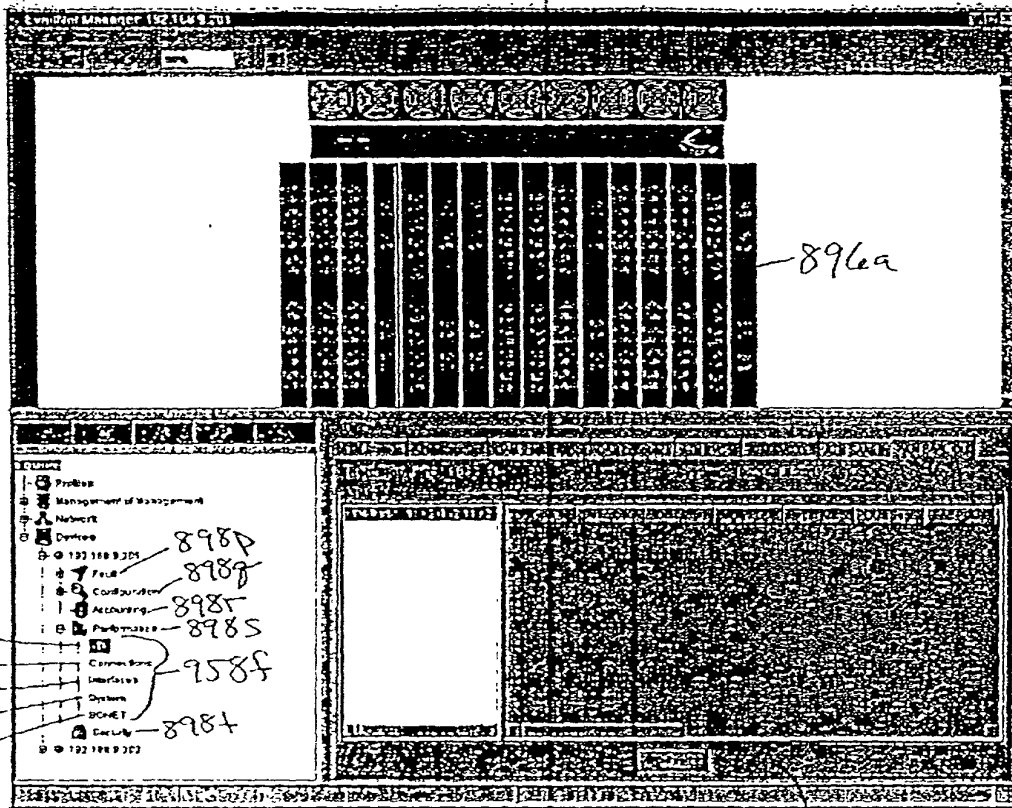
895



897

Fig. 7u

895



896a

958g  
958h  
958i  
958j  
958k

898d  
898e  
898f  
898g  
898h  
898i  
898j  
898k  
898l  
898m  
898n  
898o  
898p  
898q  
898r  
898s  
898t  
898u  
898v  
898w  
898x  
898y  
898z

897

Fig. 7v

895

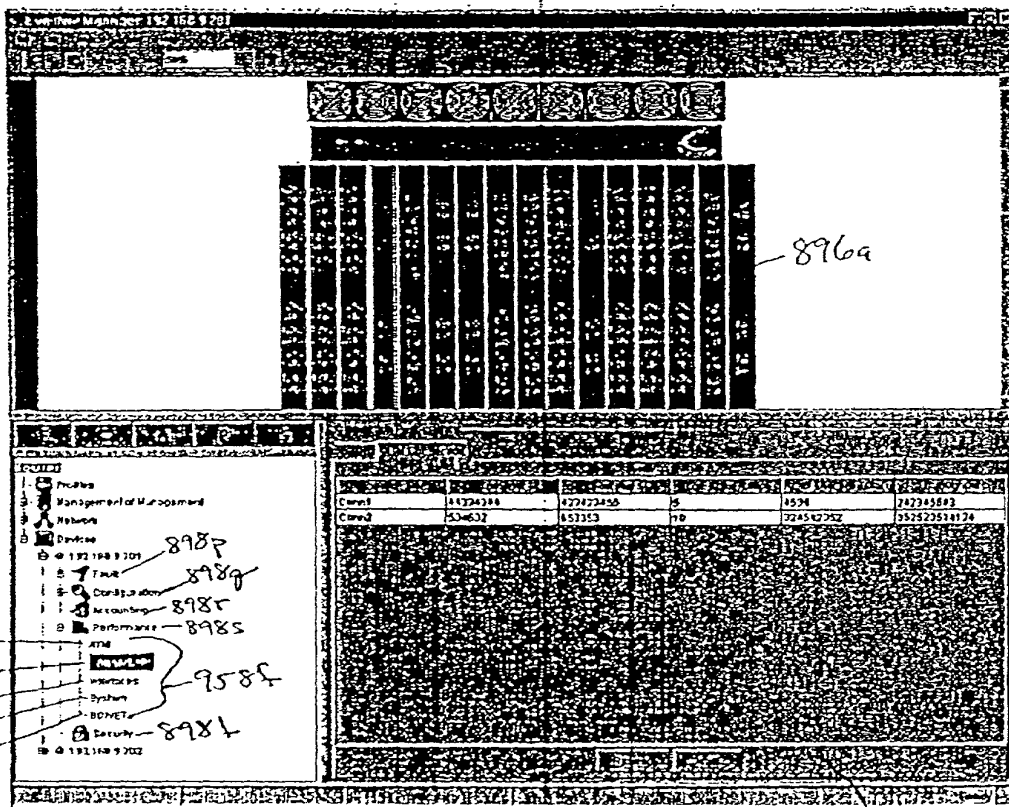


Fig. 7w

895

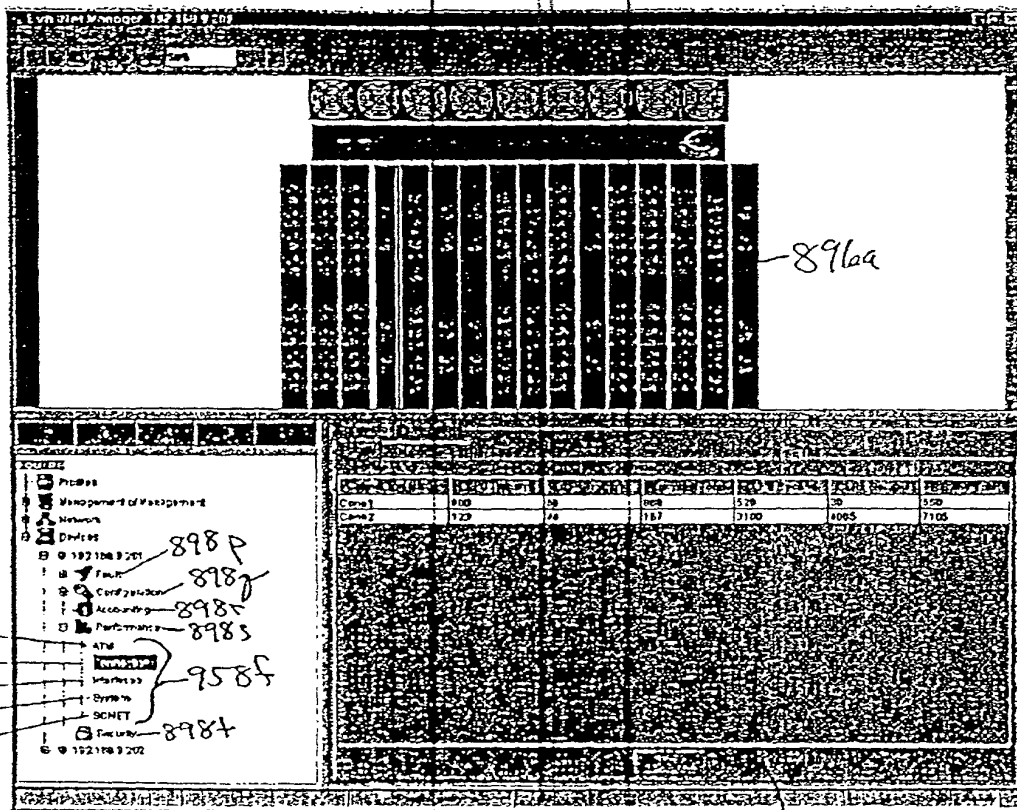


Fig. 7x



895

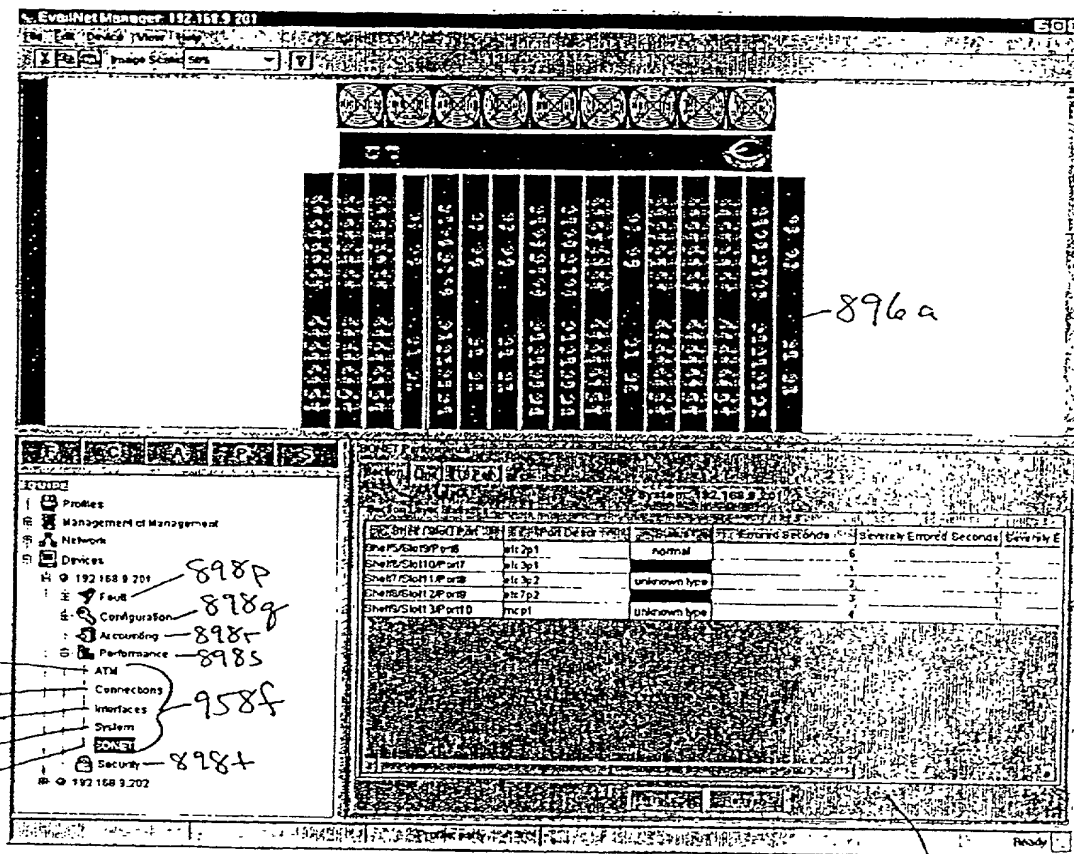
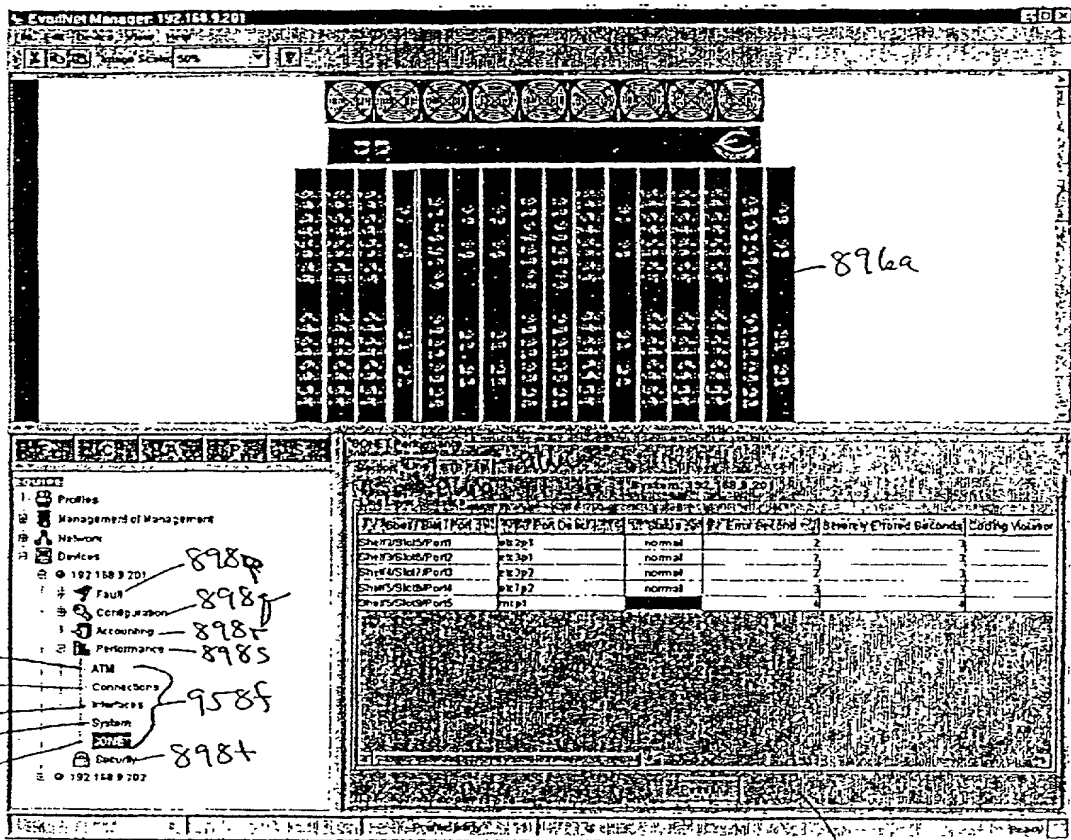


Fig. 8a



895

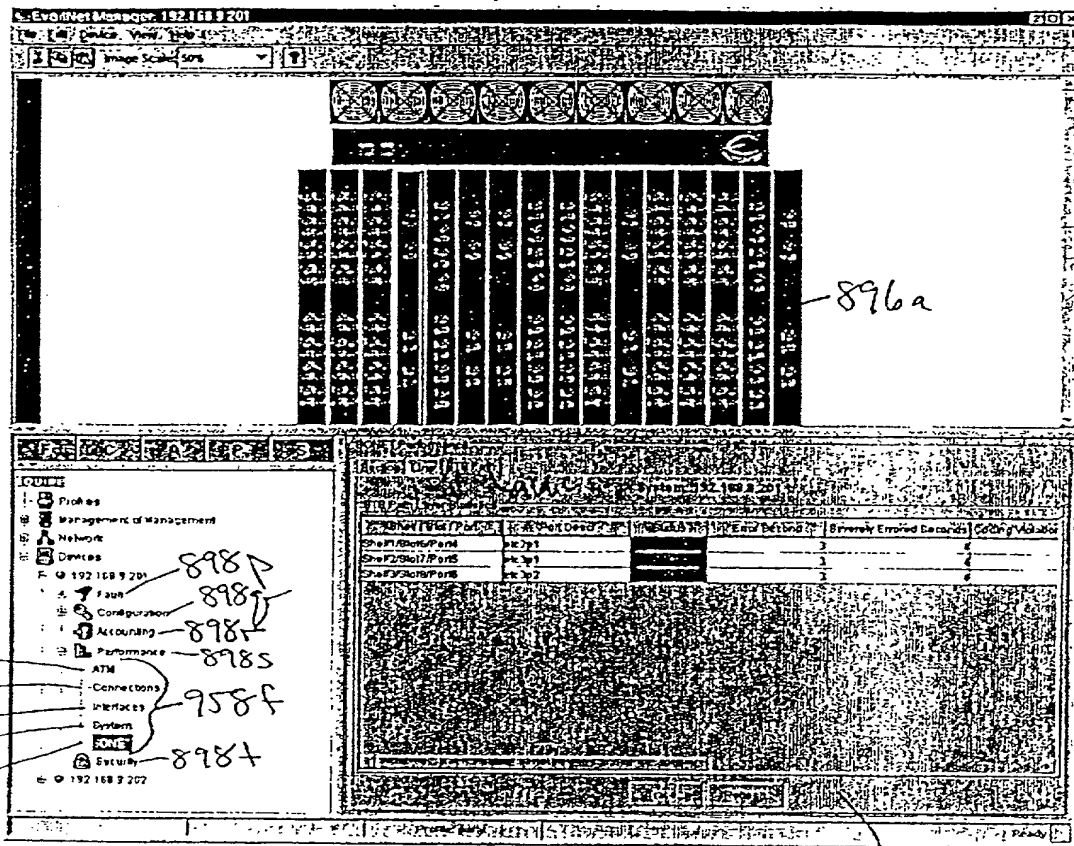


958g  
958h  
958i  
958j  
958k

897

Fig. 8b

895



897

Fig. 8c



← 895

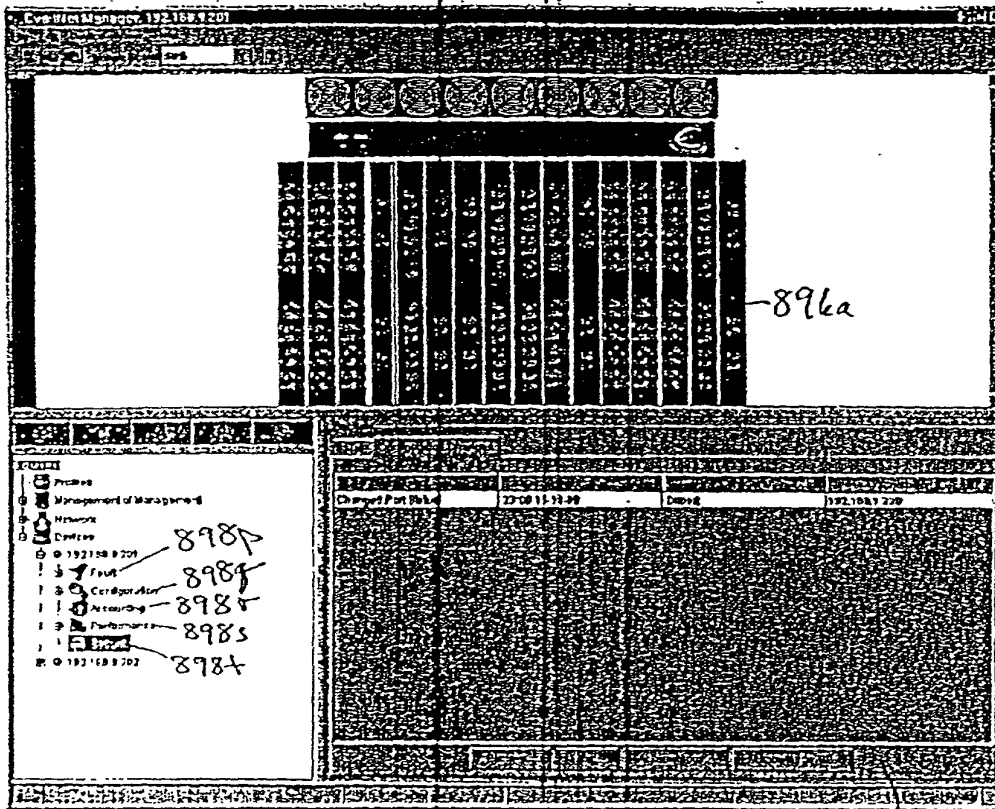
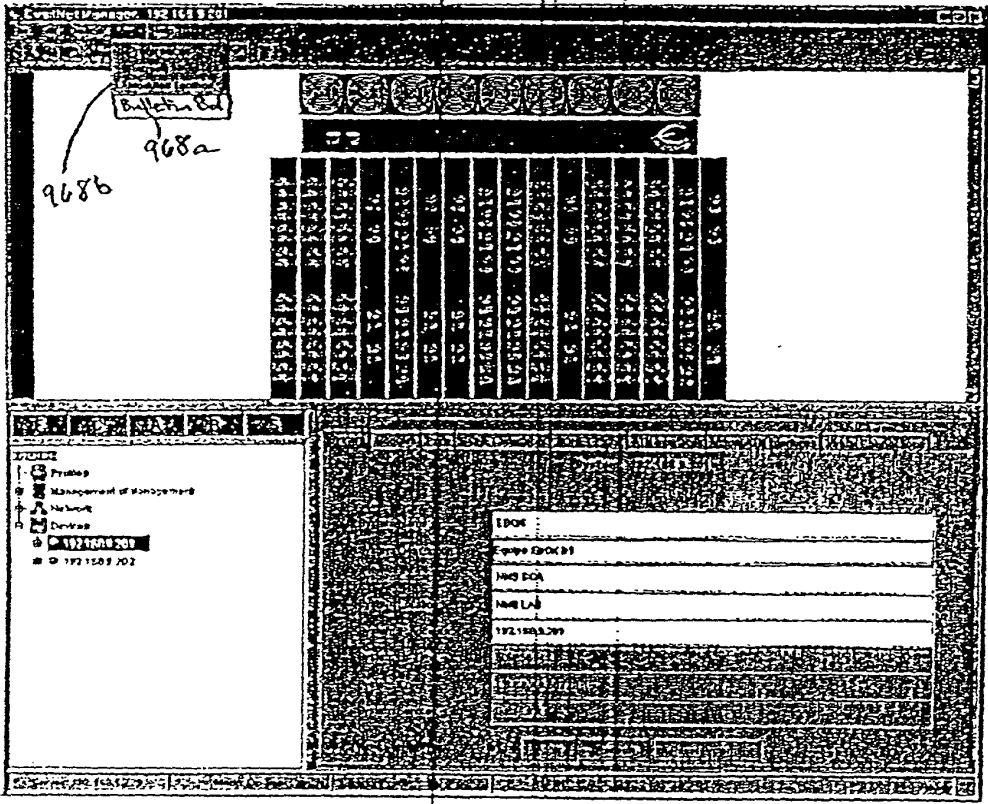


Fig. 8e

00756936-040001

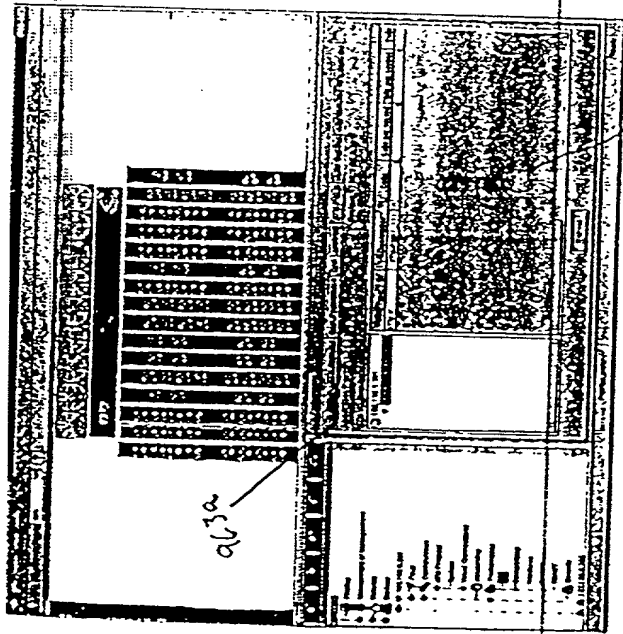
895



00756036 010904

Fig. 9a

895 →

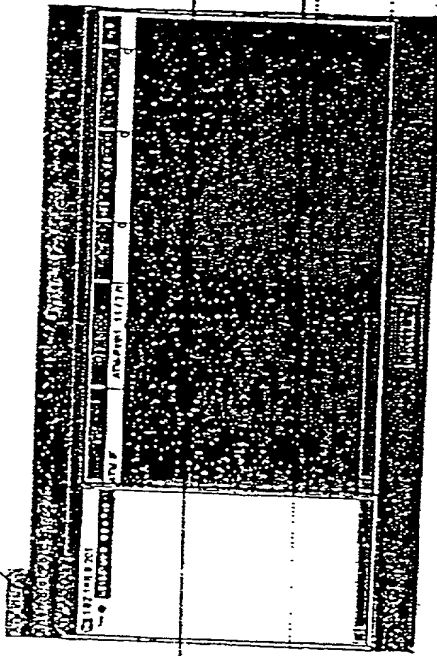


971c ← 970a

971c



963a



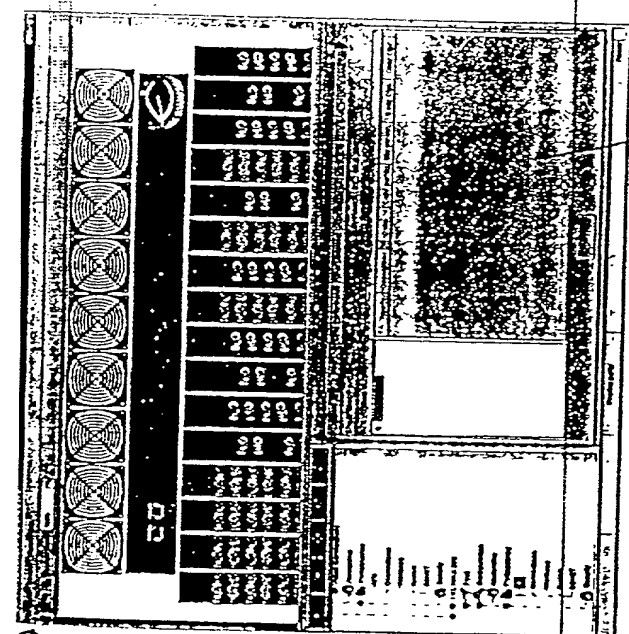
969a

971d

Fig. 9b

971c

971f



895

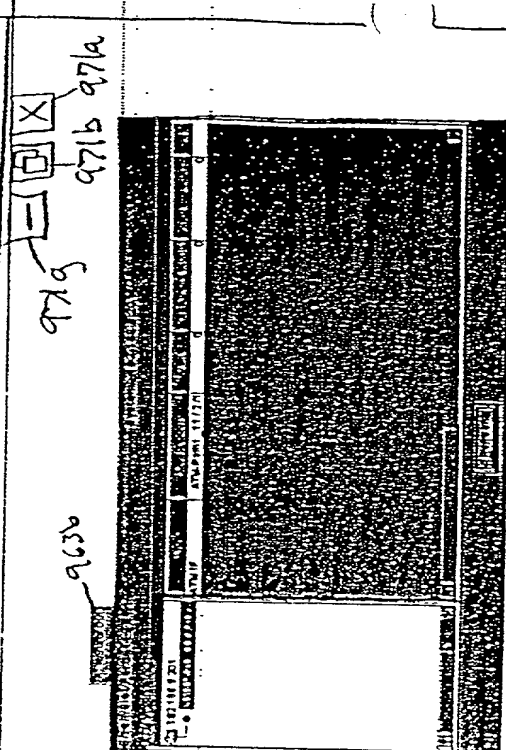
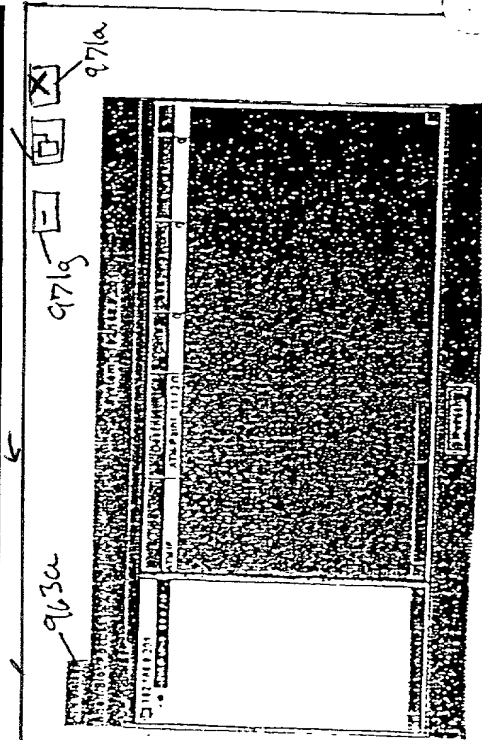


Fig. 9c

971c

971d

971e

971f

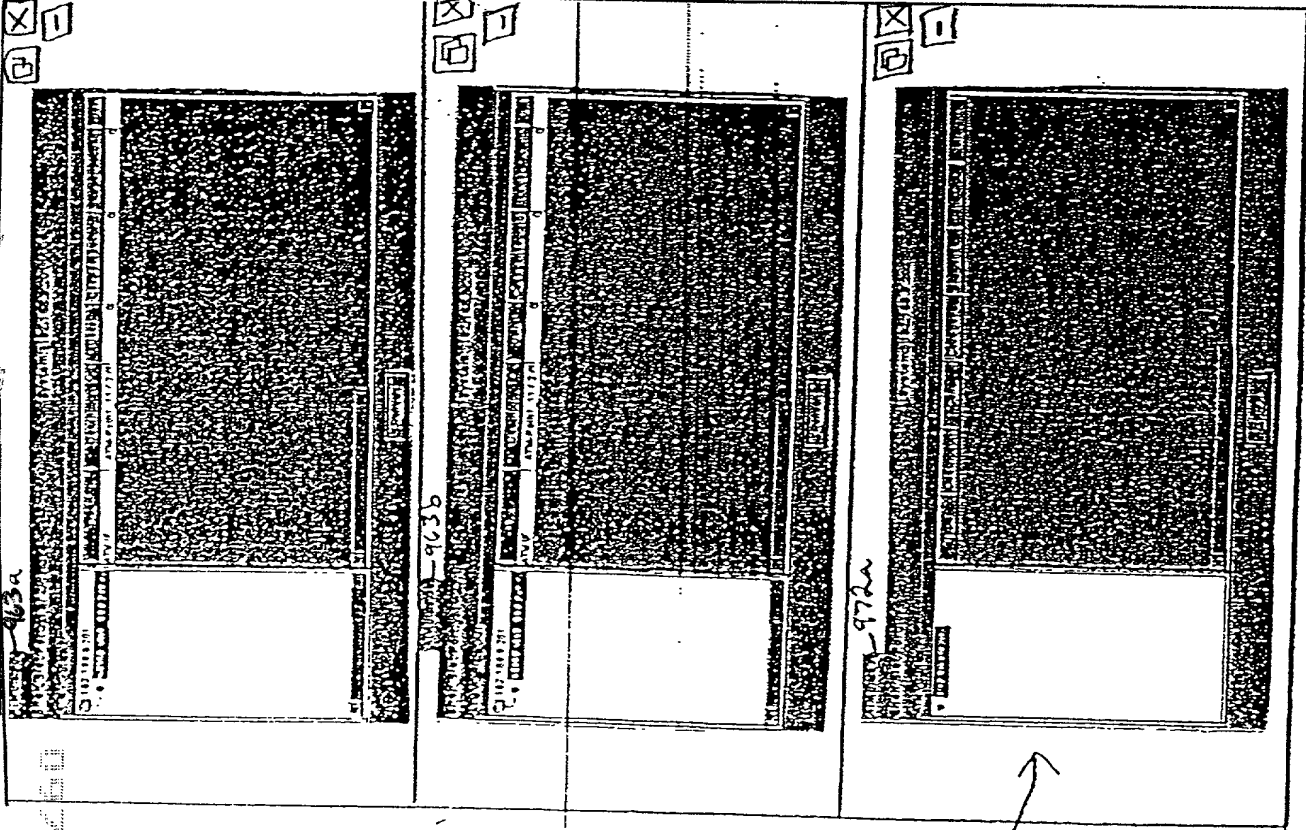
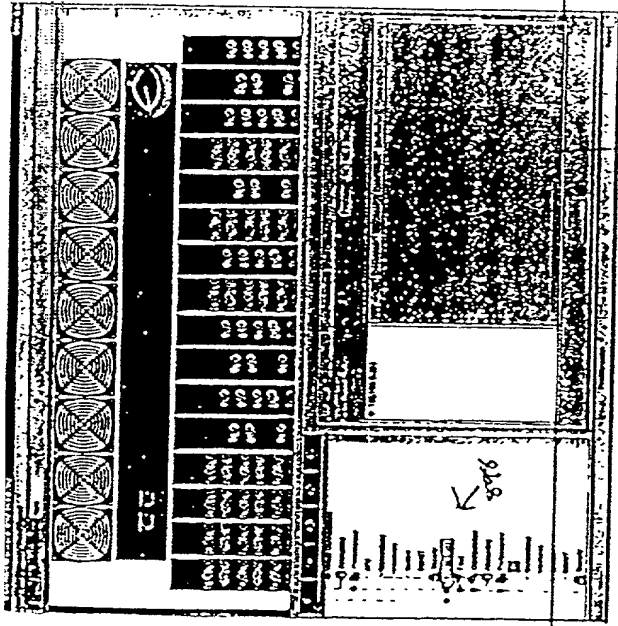
971g

971h

971i

971j

895 →





← 895

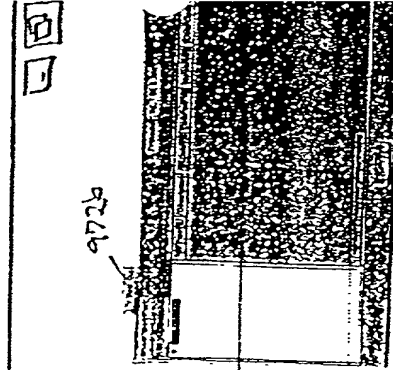
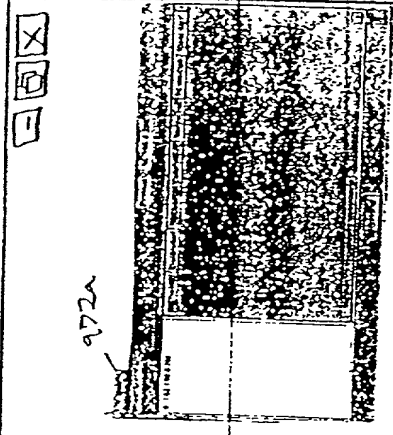
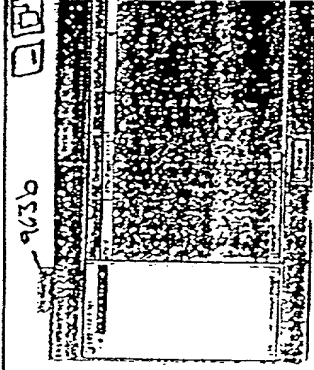
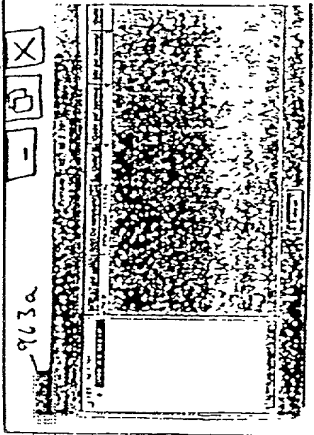
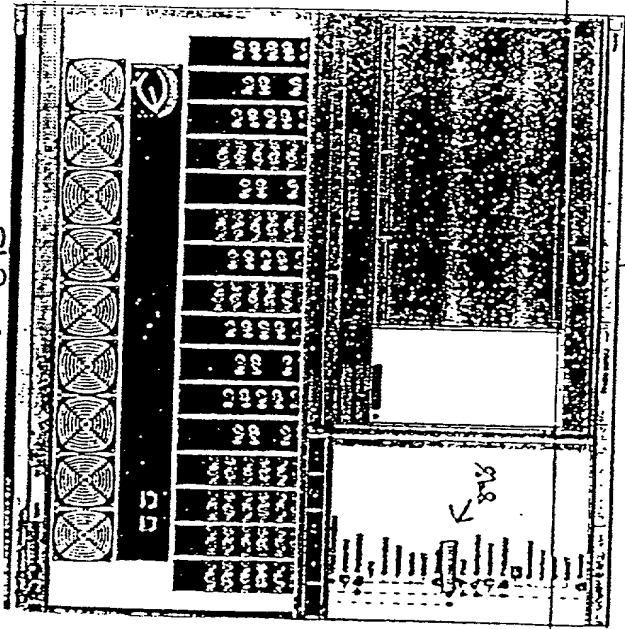


Fig. 9e.

969d

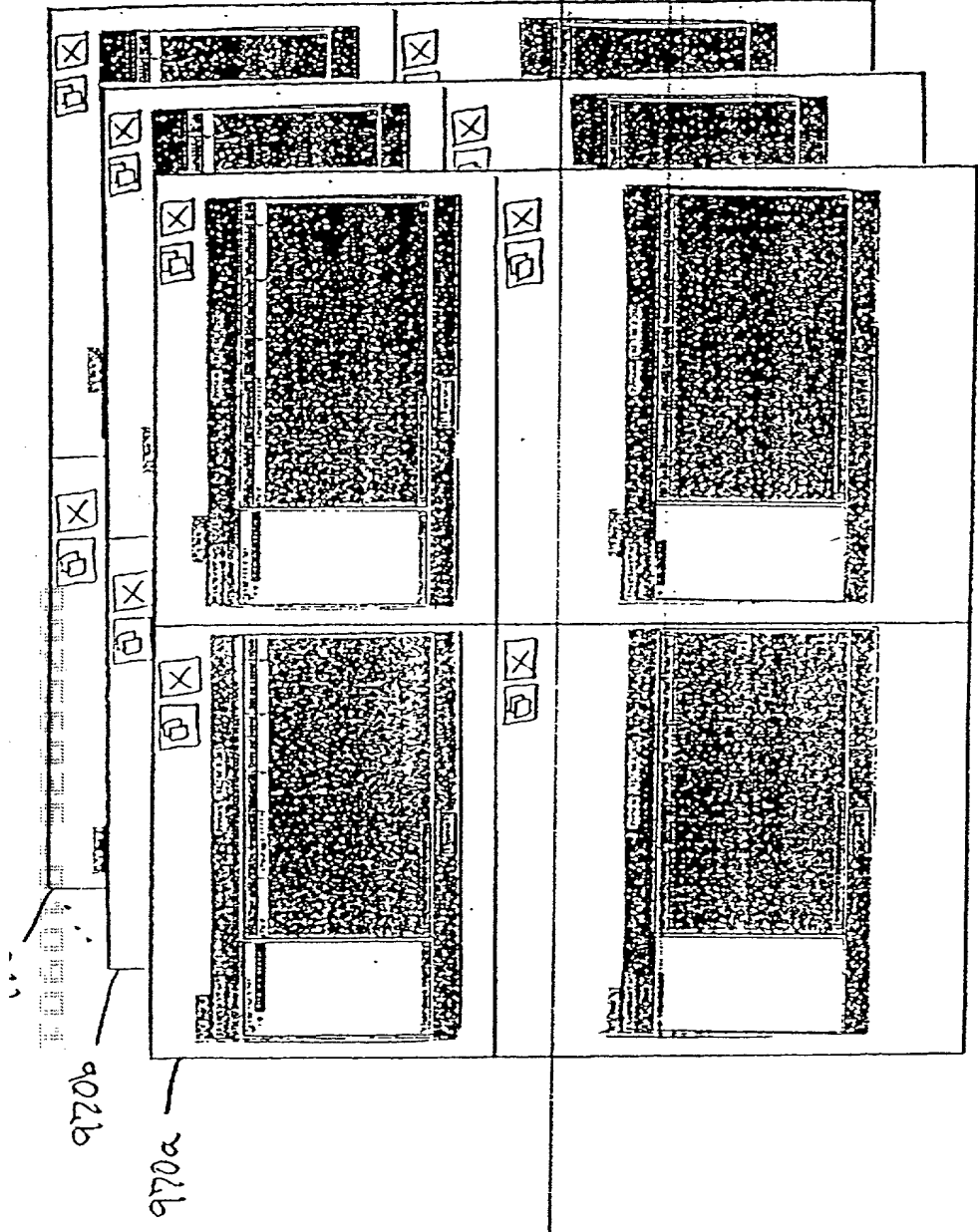
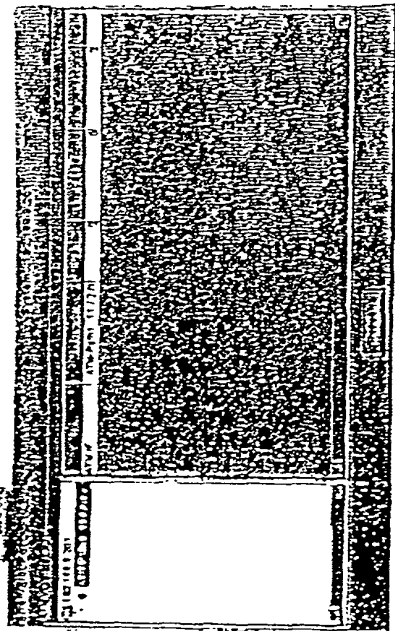


Fig. 9.

FIG. 9g



973a



973

Normal  
List  
Graph  
Config

Fig. 9g

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System: 192.168.9.201

Type: ATN:IF

Description: ATM-Path 1\_11/24

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Cells Per Second:

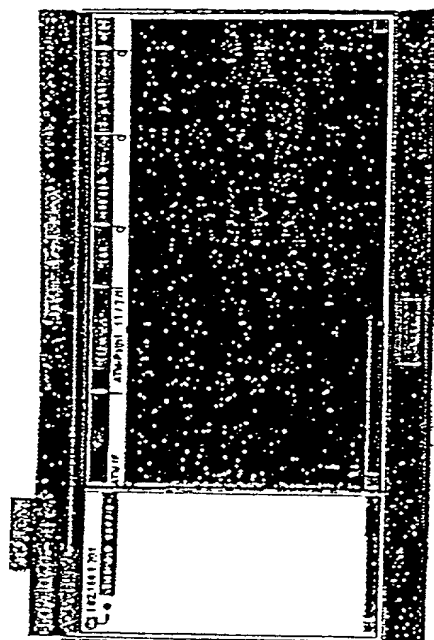
Bits Per Second:

• • •

-974a

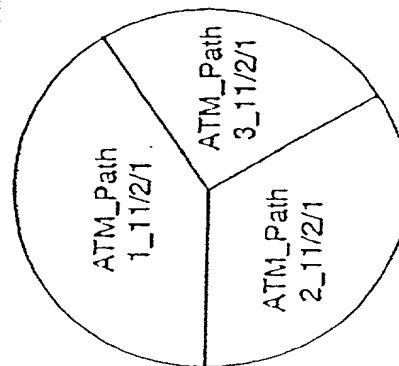
॥

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Cells Per Second

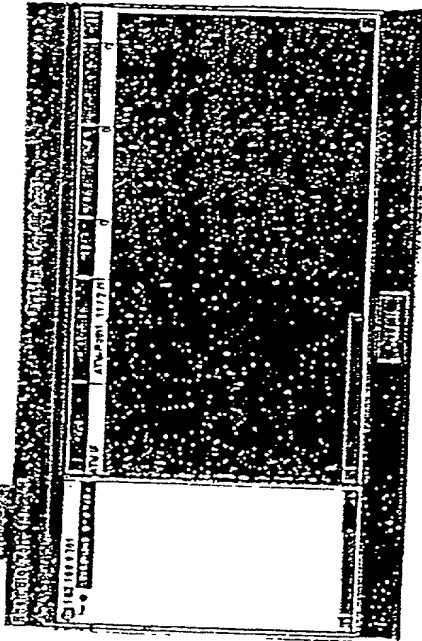


← 9746

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100010-92099260

1 B X



1 B X

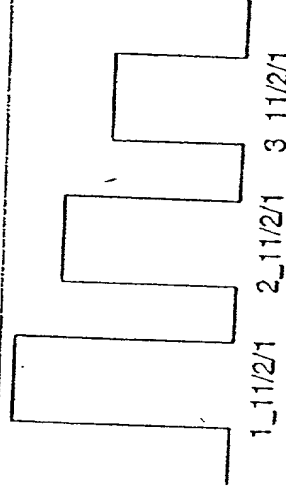
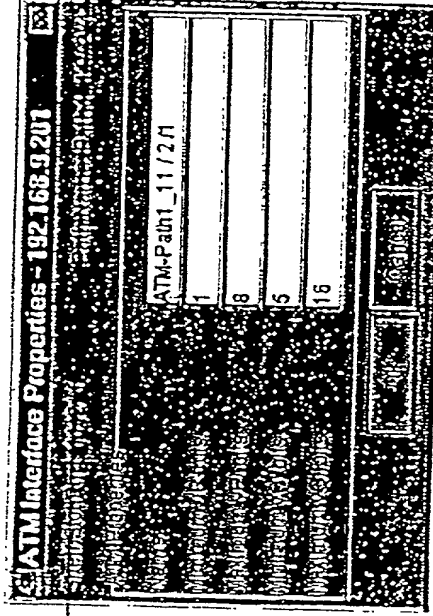
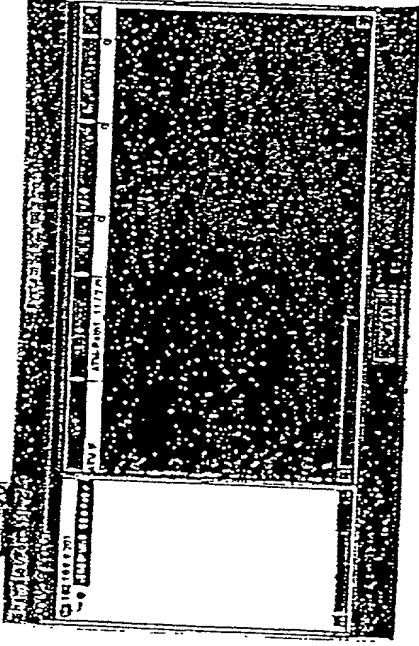


Fig. 9j

974c

100010-9999260

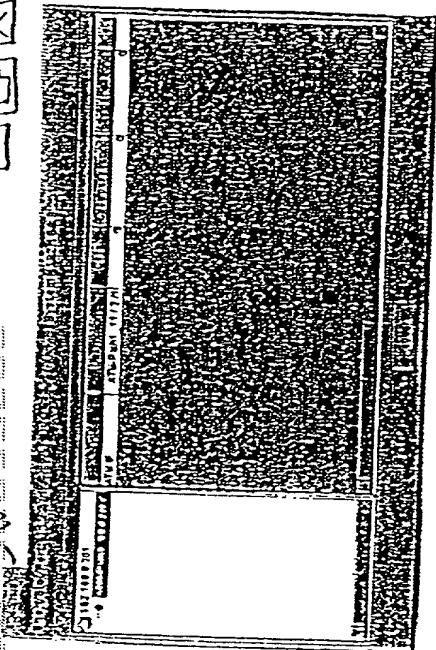


9742

Fig. 9K

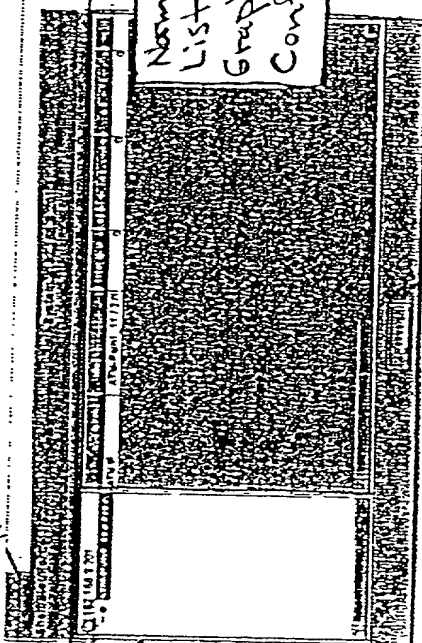






9692-

963a



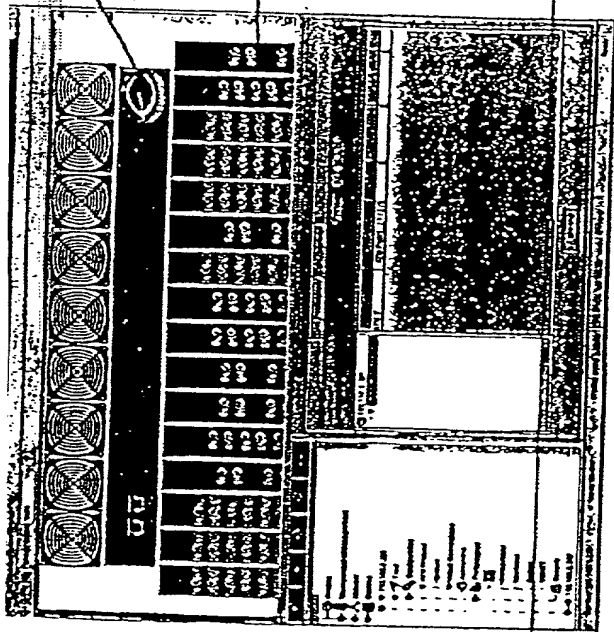
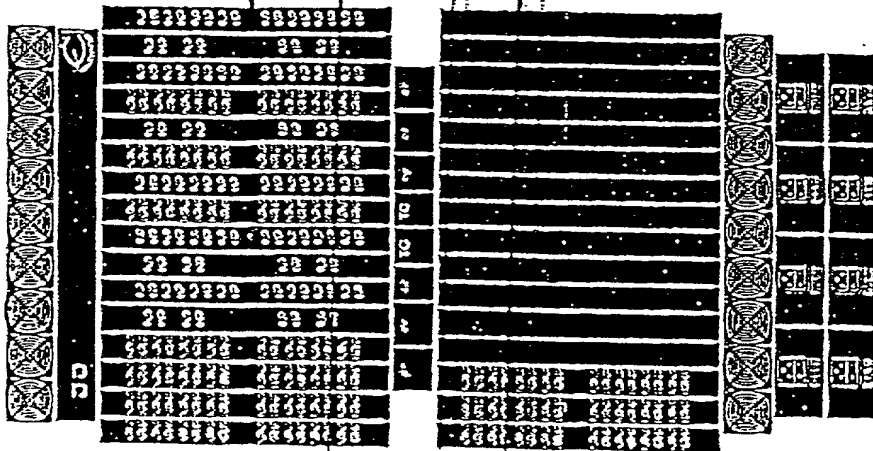
Normal  
List  
Graph  
Config

16.9.91



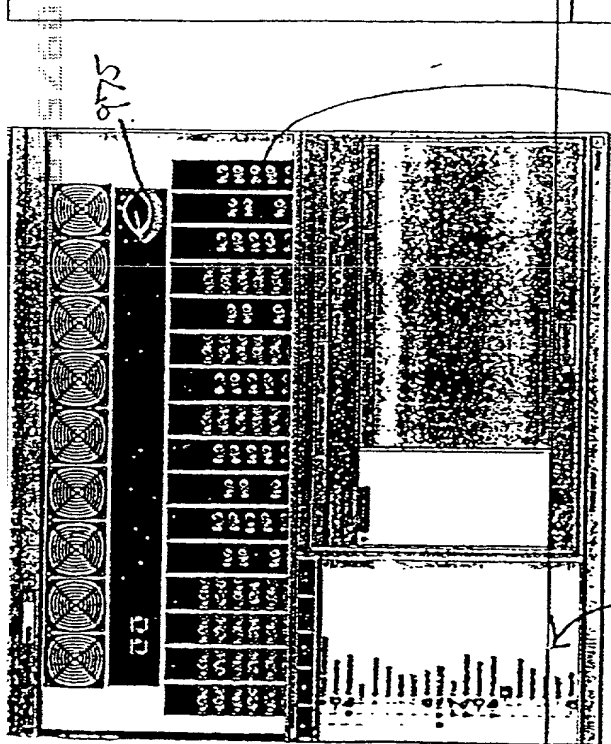


System: 192.168.9.201



897

Fig. 9m



975

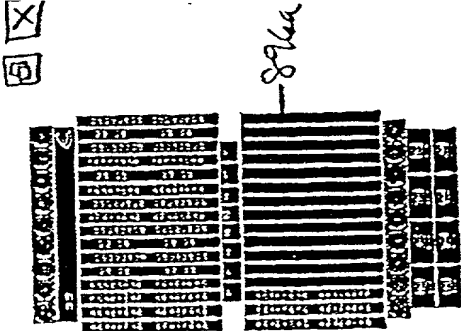
898

Fig. 9n

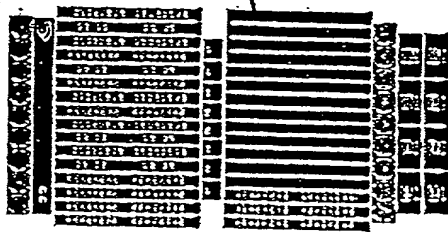
969

System:  
192.168.9.201

System:  
192.168.9.202



896a



975

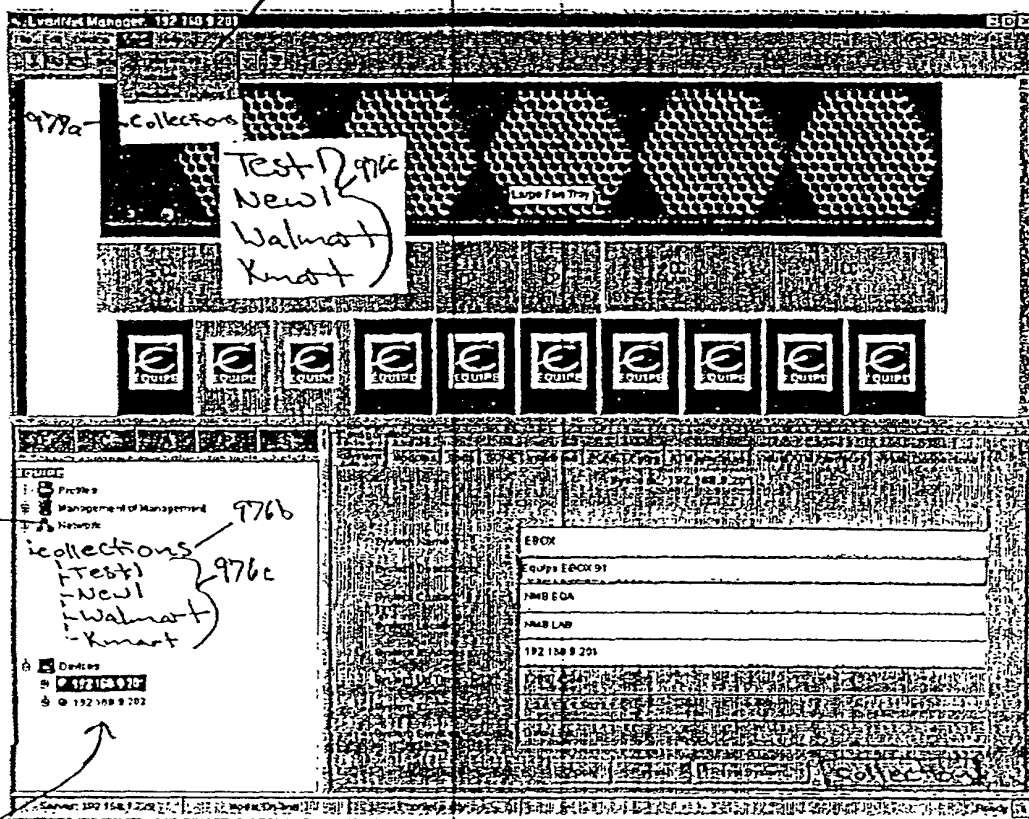
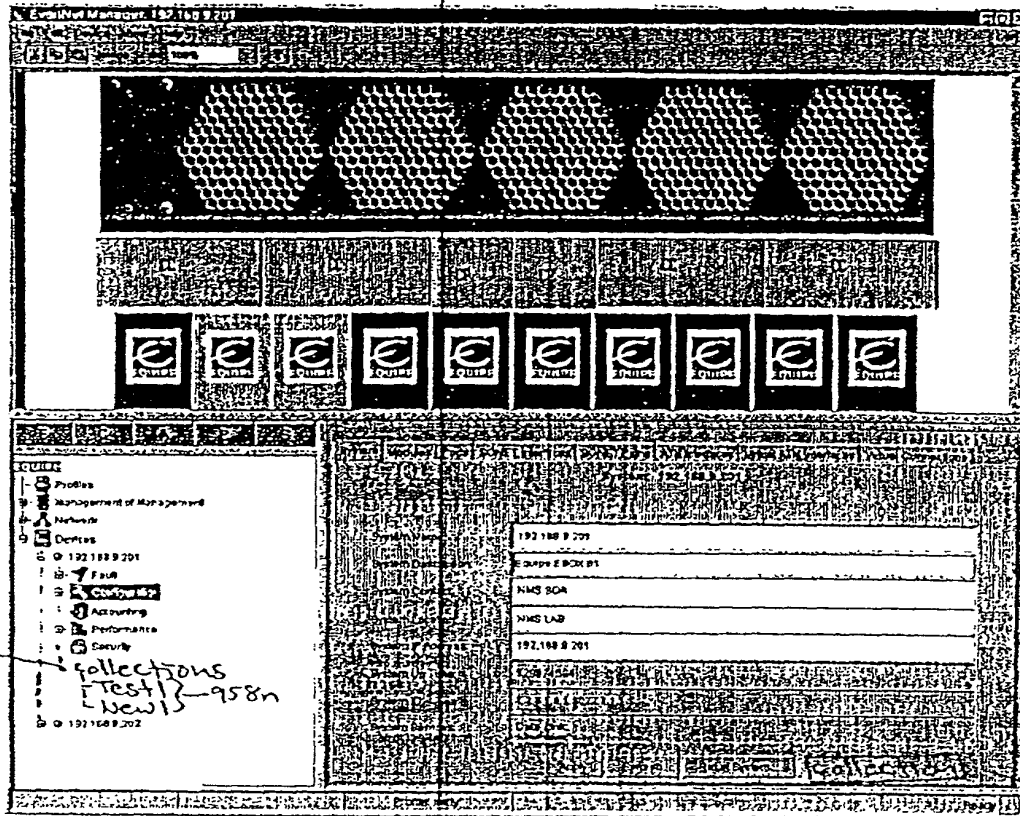


Fig. 10a

895



958m

897

Fig. 10b

0755935-010001

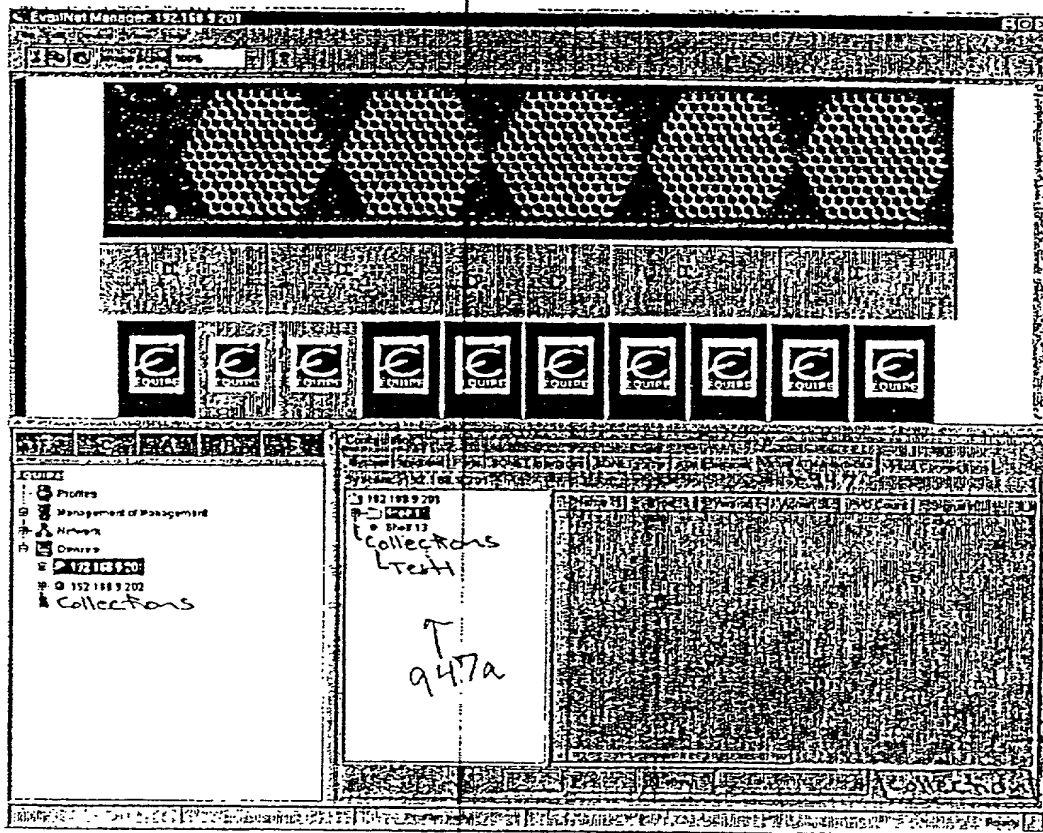


Fig. 10c

00756936.040901

895

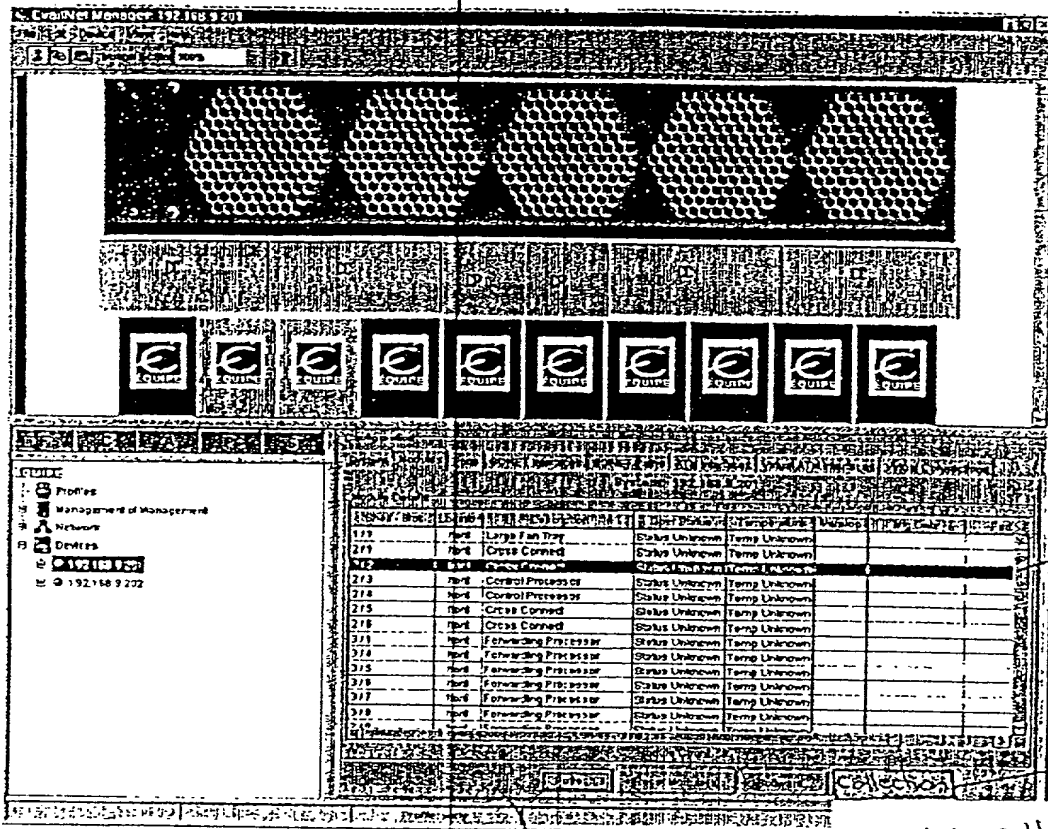


Fig. 10d

897

Add to Collection  
New Collection

979c

979d

Collection Name:

OK

Fig. 10e

979e

Existing Collections:

Test1

New1

Walmart

Kmart

OK

Fig. 10f

979g

979f

895

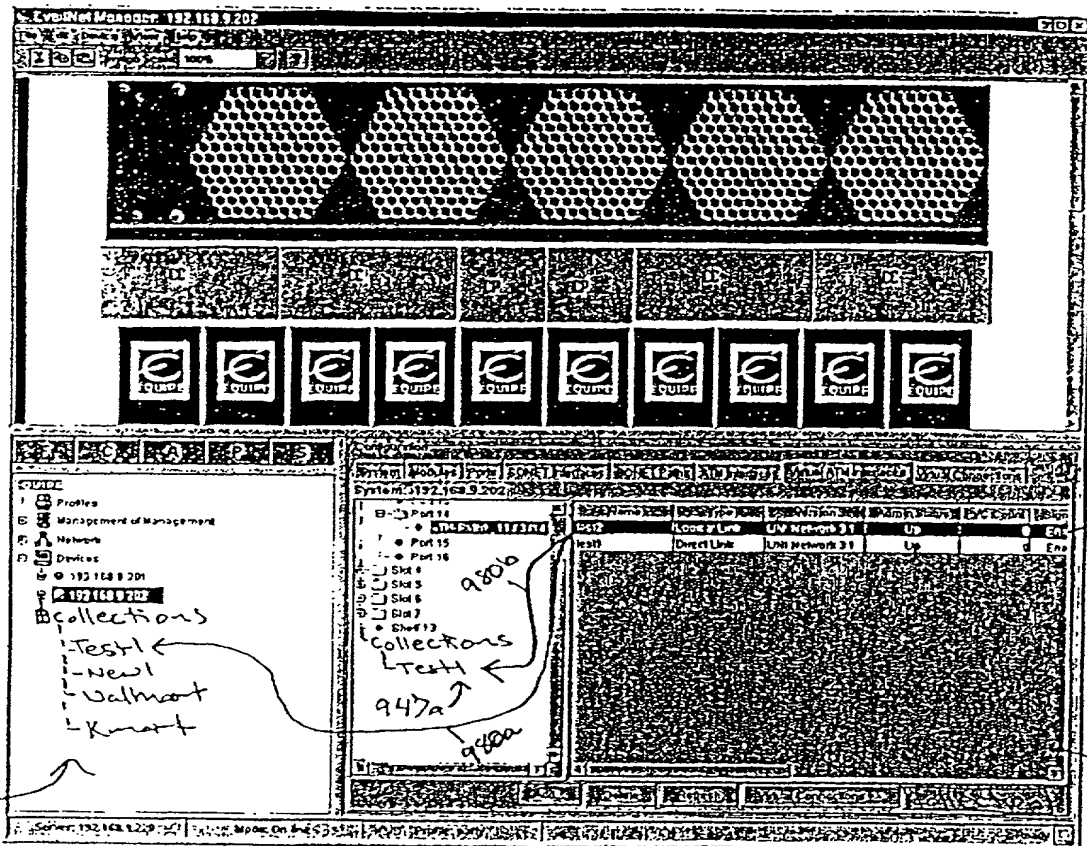


Fig. 10g

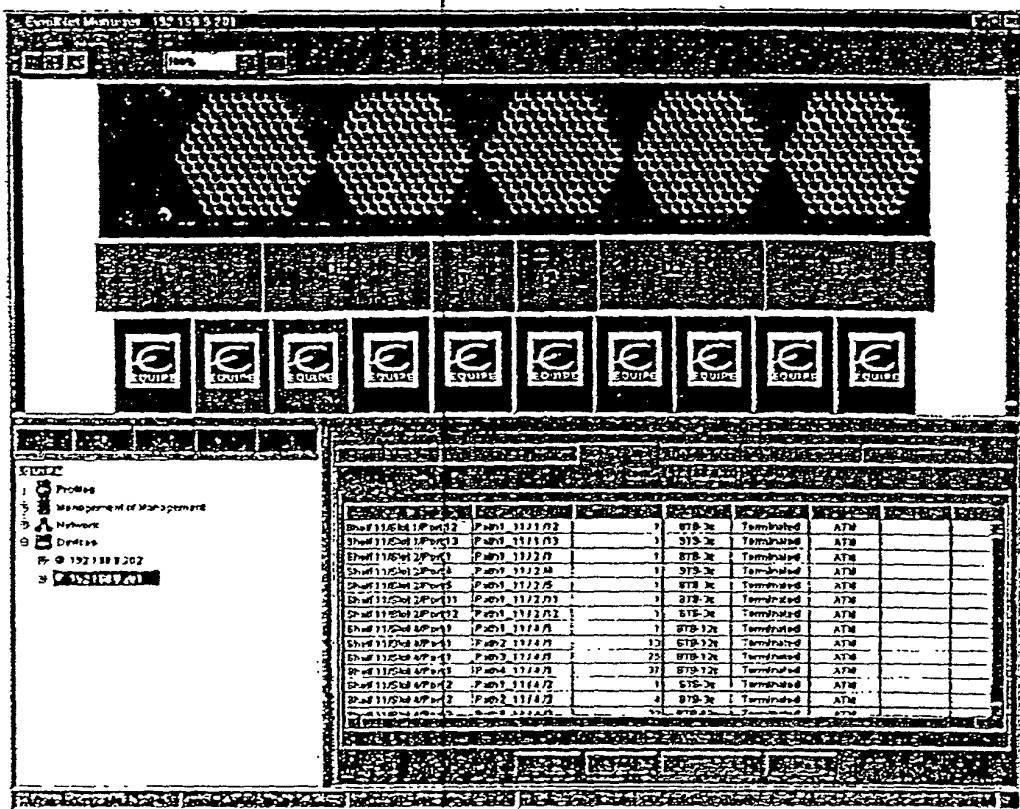


Fig. 10h

00766936 00001



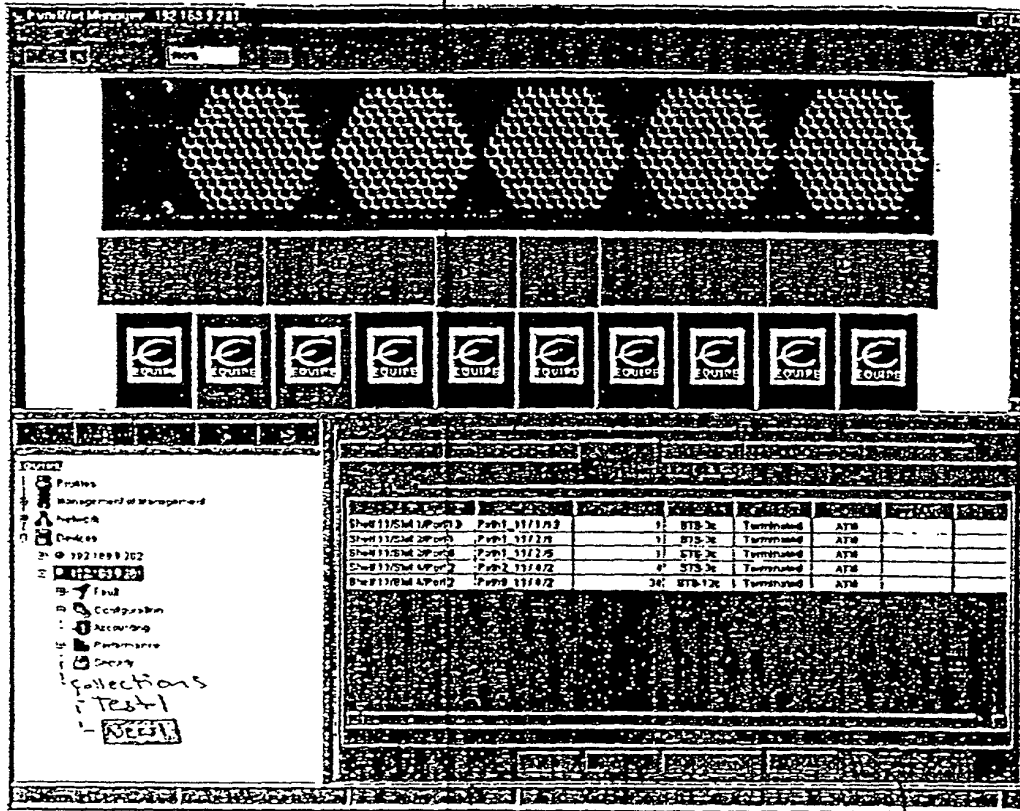


Fig. 10i

982

00756936 010901

904

Name	Description	Security	Timeout	Printed Services	IP Address
Joe	Joe Whitehouse	Admin	15	192.168.1.32	192.168.1.37
Wamp	Wamp Arch	Provisional	15	TeamServer1:192.168.1.32	TeamServer2:192.168.1.32

905

906

Fig. 11a

FIG. 11a

907

General

Username: Kevin

Description: Kevin Snow user account

Group Name: Equipe

Group Level Access:

Password: \*\*\*\*\*

Confirm Password: \*\*\*\*\*

Policies

☒ User Cannot Change Password

☐ Account Disabled

☒ User Can Add Devices

User Session Timeout: 15 Minutes

Servers

Primary Server: 192.168.1.220

Primary Server Port: 6500

Secondary Server: 192.168.1.221


Secondary Server Port: 6503

Devices

Device	READ	READWRITE	Retry	Timeout		Add	Delete
192.168.9.202	public	equipe	3	5			
192.168.9.205	public	equipe	3	5			
192.168.9.216	public	equipe	3	5			

OK Cancel

Fig. 11b



General Policies Servers Devices

Primary Server: 192.168.1.220

Primary Server Port: 6500

Secondary Server: 192.168.1.205

Secondary Server Port: 6503

OK Cancel

Device	READ	READWRITE	Retry	Timeout	Trap Port
192.168.9.202	public	equipe	3	5	162
192.168.9.205	public	equipe	3	5	162
192.168.9.216	public	equipe	3	5	5012

-9084

Fig. 11d

Fig. 11e

General Policies Servers Devices

Username: Kevin

Description: Kevin Snow user account

Customer Name: Equipe

Group Level Access: [dropdown]

Password: [masked]

Confirm Password: [masked]

OK Cancel

9084

General Policies Servers Devices

☒ User Cannot Change Password

☐ Account Disabled

☒ User Can Add Devices

User Session Timeout: 15 Minutes

OK Cancel

9084

Fig. 11f

00756336 010001 100010 90845600



907

General

Username: Kevin

Description: Kevin Snow user account

Group Name: Equipe

Group Level Access:

Password: \*\*\*\*\*

Confirm Password: \*\*\*\*\*

Policies

☒ User Cannot Change Password

☐ Account Disabled

☒ User Can Add Devices

User Session Timeout: 15 Minutes

Servers

Primary Server: 192.168.1.220

Primary Server Port: 6500

Secondary Server: 192.168.1.221

Secondary Server Port: 6503

Devices

Device	READ	READWRITE	Relay	Timeout		
192.168.9.202	public	equipe	3	5	Add	Delete
Group List						
Walmart-East						
Walmart-west						
Kmart 1						
sears-northeast						

Fig. 11h

Fig. 11i

1002

1002a

EvailNet Manager: SONET Path Configuration - 11/8/5

SONET Path Configuration

Path Name: Path1\_11/8/5 Path Posts: 1 Path Type: STS-3c Termination: Terminated ATM Interface: ATM

Graphical Representation

1002d

1002b

1002c

1002a

1002a

EvailNet Manager: SONET Path Configuration - 11/8/5

SONET Path Configuration

Path Name: Path2\_11/8/5 Path Posts: 4 Path Type: STS-3c Termination: Terminated ATM Interface: ATM

SONET Path	Path Name	Path Posts	Path Type	Termination	ATM Interface	ATM Address	ATM Port
11/8/5	Path1_11/8/5	1	STS-3c	Termin.	ATM		
11/8/5	Path2_11/8/5	4	STS-3c	Termin.	ATM		
11/8/5	Path3_11/8/5	7	STS-3c	Termin.	ATM		
11/8/5	Path4_11/8/5	10	STS-3c	Termin.	ATM		

Graphical Representation

1002d

1002b

1002c

Fig. 11j



1049

Fig. 11L

Managed Resource Group Table

1008

1008a

1008b

1008c

1008d

LID	Managed Device PID	Group Name
1145	1	Walmart-East
⋮	⋮	⋮

Fig. 11M

Managed Resource Table

1007

1007a

1007b

1007c

LID	Resource LID	Manage Resource Group LID
4443	901	1145
⋮	⋮	⋮

1006

**EvailNet Manager: 192.168.9.201 - Virtual Connection Wizard**

Source: 192.168.9.201 Destination: 192.168.9.201

**End Point 1**

- 192.168.9.201
  - Shelf 11
    - Slot 1
    - Slot 2
    - Slot 3
    - Slot 4
      - Port 1
      - Port 2
      - ATM Path2\_11/4/2**

**End Point 2**

- 192.168.9.201
  - Shelf 11
    - Shelf 13

**Connection Parameters**

Connection Name:

Admin Status:  ☐

Group Name:  ☐

**End Point 1 Parameters**

VR:  ☐ Use Any VR Value

VCI:  ☐ Use Any VCI Value

Transmit Frame Descriptor:  ☐ Add Frame Descriptor

Receive Frame Descriptor:  ☐ Add Frame Descriptor

☒ Use the same frame descriptor for both transmit and receive

**End Point 2 Parameters**

VR:  ☐ Use Any VR Value

VCI:  ☐ Use Any VCI Value

Transmit Frame Descriptor:  ☐ Add Frame Descriptor

Receive Frame Descriptor:  ☐ Add Frame Descriptor

☒ Use the same frame descriptor for both transmit and receive

Back Finish Cancel

006a

1006b

0075936 040004

1006c

Fig. 110

Fig. 11p

1010

User Table

1010a	1010b		1010c	1010d
	LID	Username	Password	
	2012	Dave	Marble	Provisioner
	⋮	⋮	⋮	1010e

Fig. 11q

1012

User Managed Device Table

1012a	1012b	1012c	1012d	1012e
LID	User LID	Host LID	Retry	Timeout
7892	2012	9046		
⋮	⋮	⋮	⋮	⋮

Fig. 11r

1014

Administration Managed Device Table

1014a	1014b	1014c	1014d				
LID	Host Address	Port Address	Retry	Timeout	Admin. Password	Prov. Password	Viewer Password
9046	192.168.9.202	1521			team 1	team 2	team 3
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮

Fig. 11s

1013

Add Delete Device Dlg

1013a — Device Host: 192.168.1.202

1013b — Device Port: 1521

1013c — SNMP Retry:

1013d — SNMP Timeout:

1013e — Admin. Password:

1013f — Prov. Password:

1013g — Viewer Password:

1013h — Add

1013i — OK

Cancel

Delete

Fig. 11t

User Resource Group Map Table

1016a	1016b			1016c	1016
	LID	User LID	User Resource Group LID		
	8086	2012	1024		
	⋮	⋮	⋮		

Fig. 11u

User Resource Group Table

1018d	1018a	1018b	1018c	1018
	LID	Host LID	Group Name	
	1024	9046	Walmart-East	
	⋮	⋮	⋮	

Fig. 11v

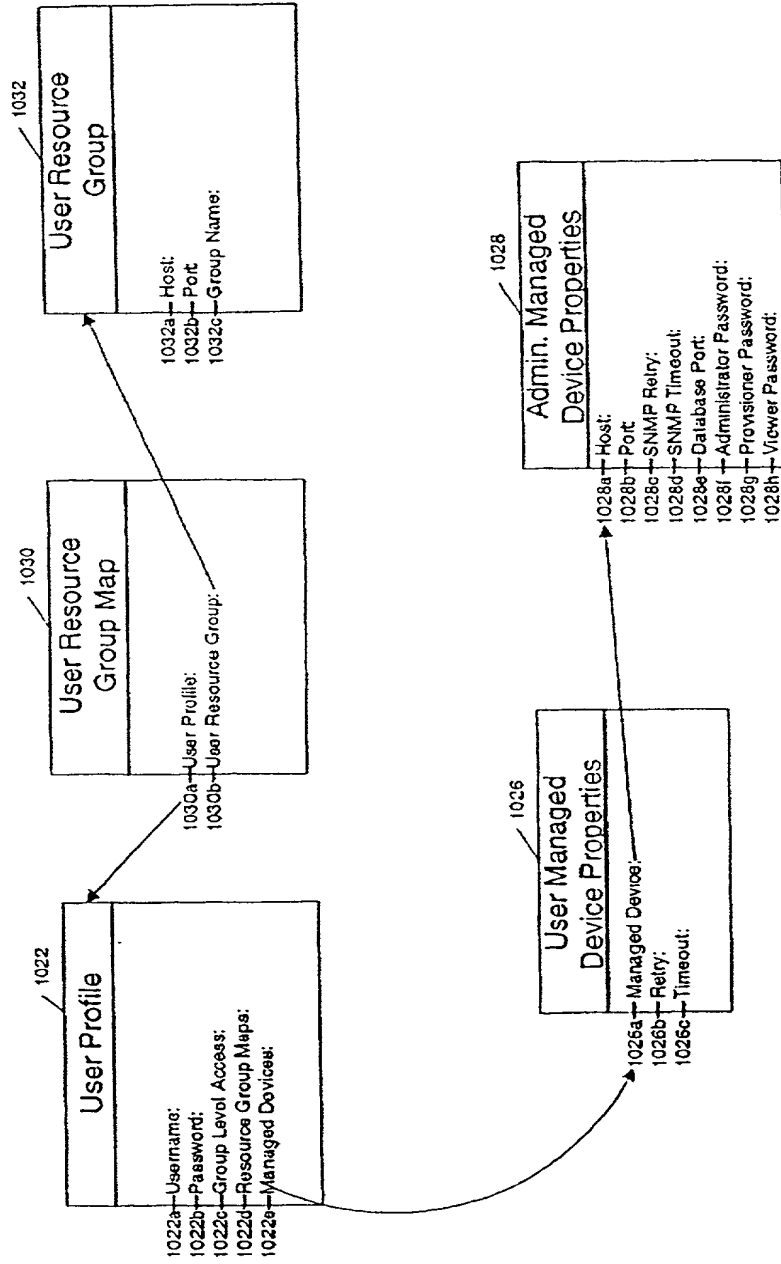


Fig. 11w

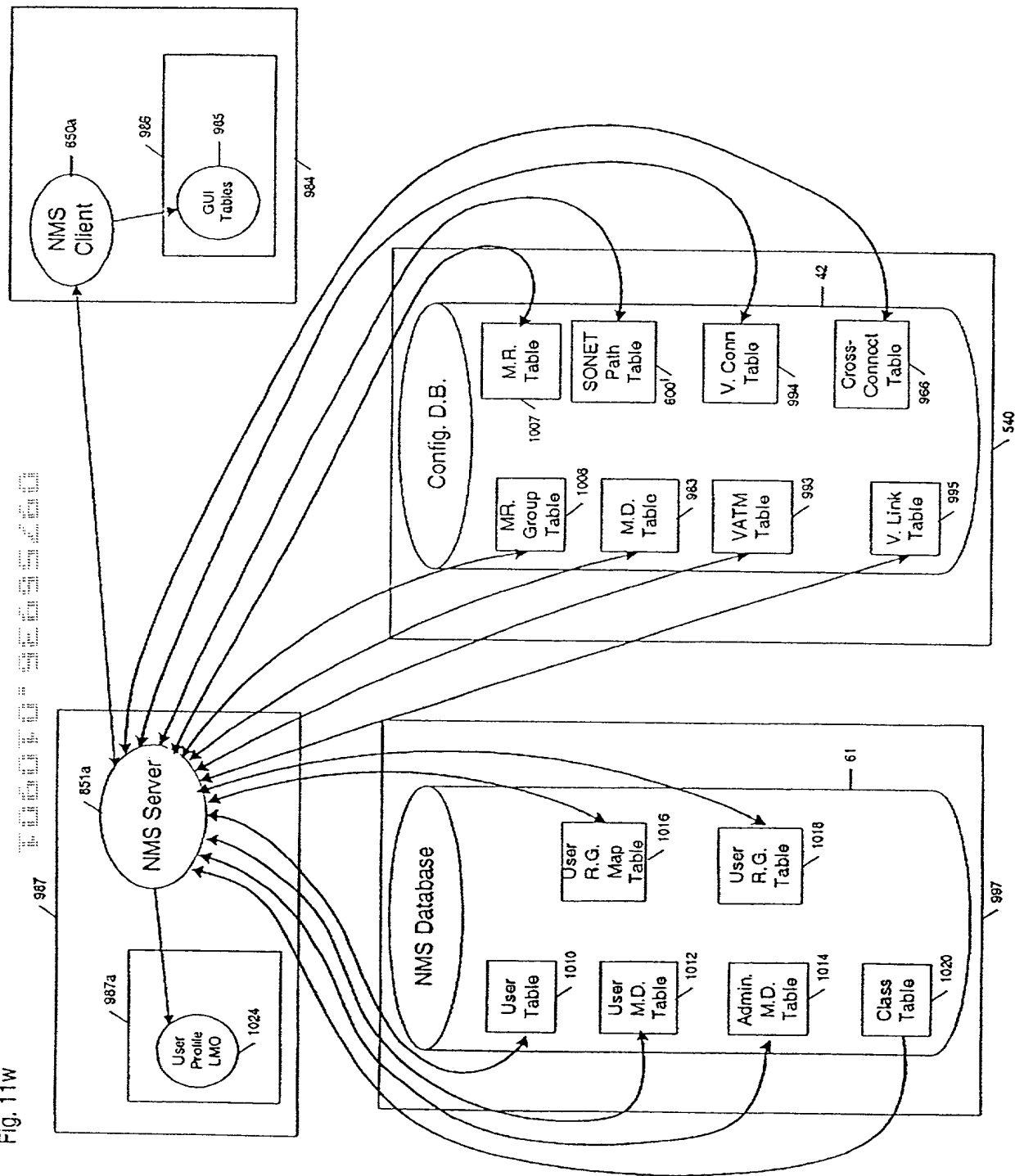




Fig. 11x

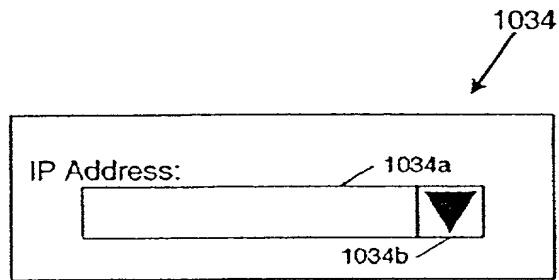
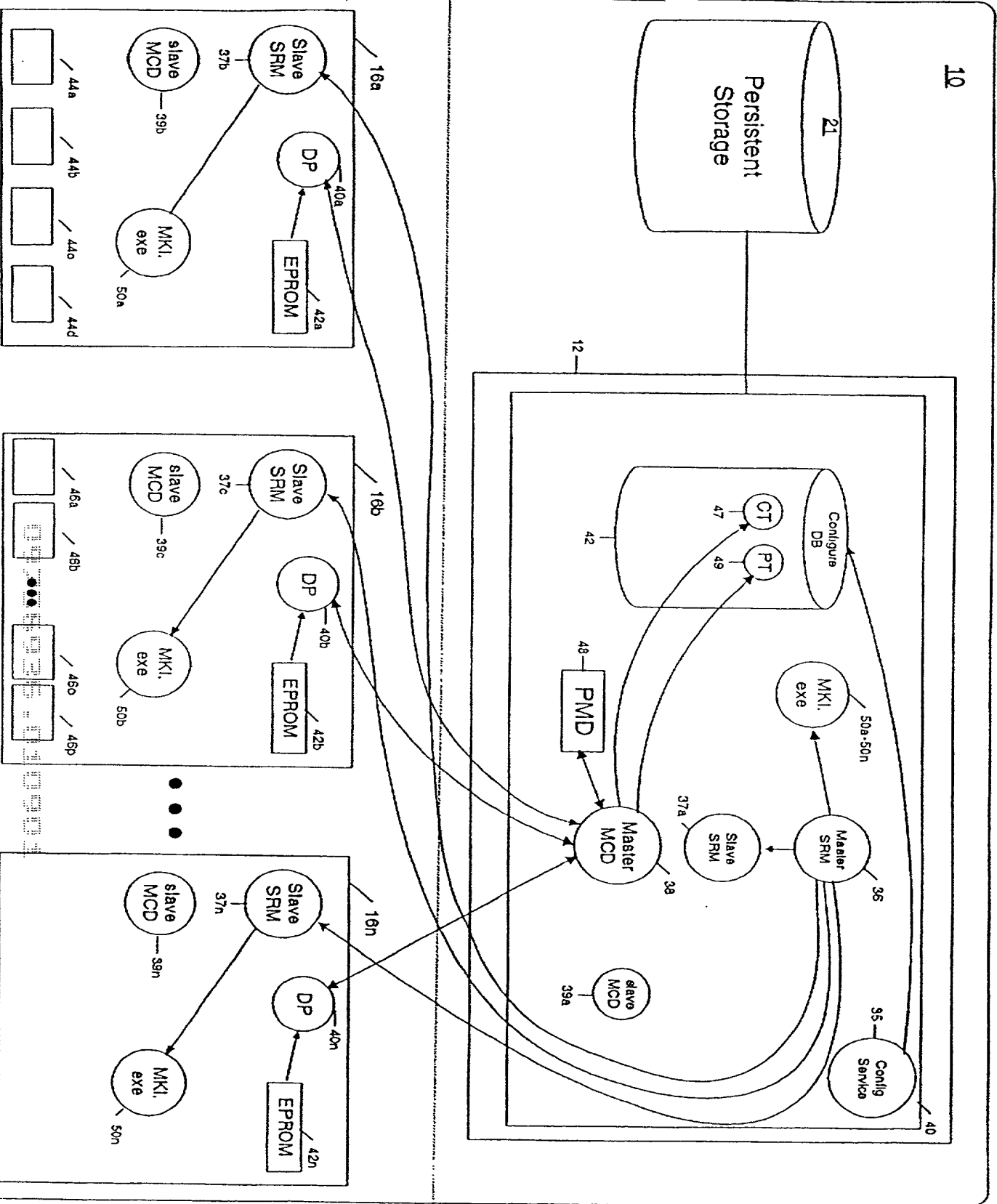


FIG. 12a



## CARD TABLE

PID	CWD TYPE	VERSION NO.	SLOT NO.	...
16 a — 500	0XF002	3	1	
16 b — 501	0XF002	4	2	
16 e — 505	0X6002	1	5	
16 n — 513	0XF002	1	12	

FIG. 12b

[illegible]

PORT TABLE

PID	PORT TYPE	VERSION NO.	SLOT NO.	...
44a —	1500	00620	1	1
44b —	1501	00620	1	1
44c —	1502	00620	1	1
44d —	1503	00620	1	1
44a —	1504	00820		
46a —	...	...	...	...
	1600	00620	1	8
	...	...	...	...

FIG. 12c

00756935 010901

FIG. 13a

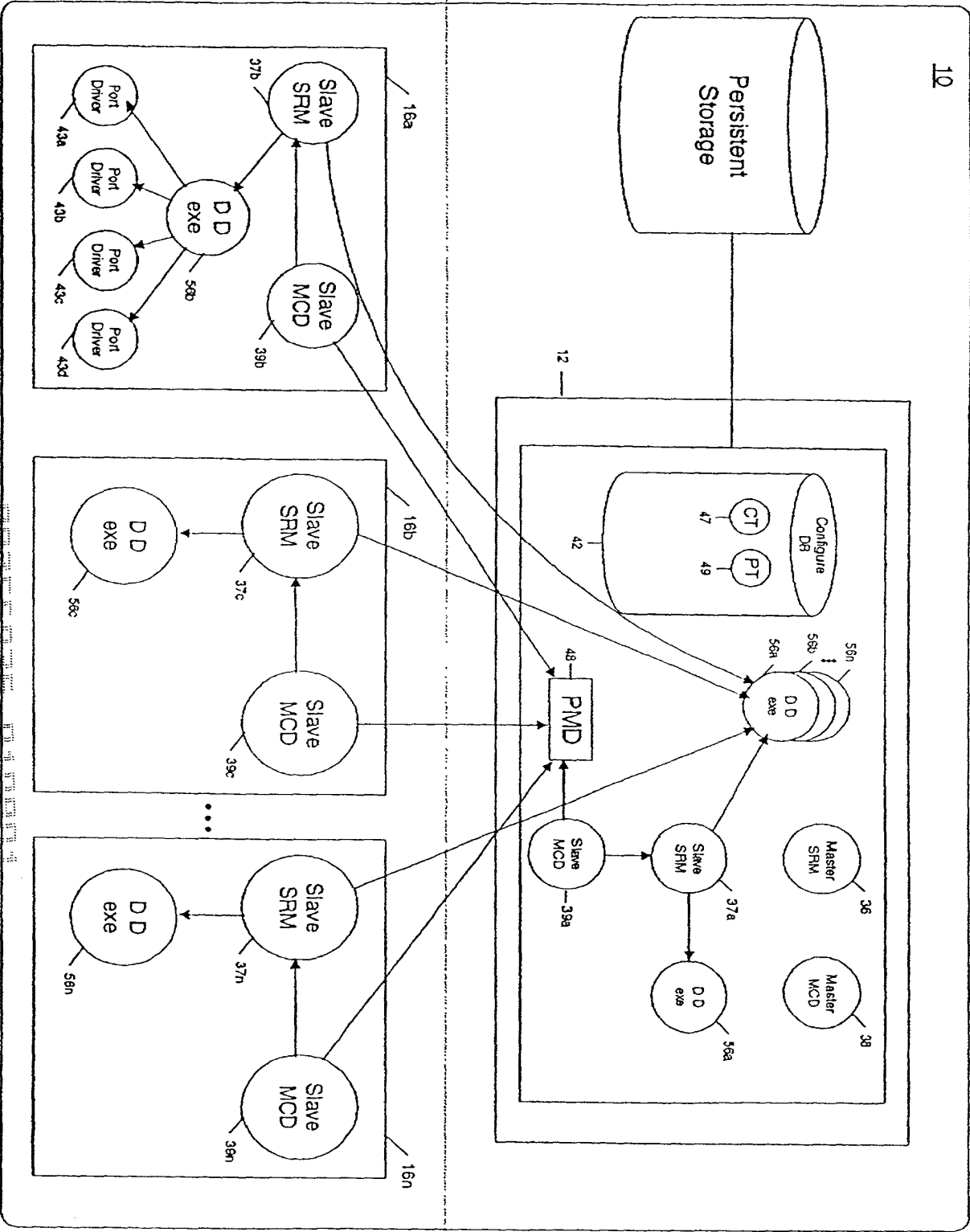


FIG. 13b

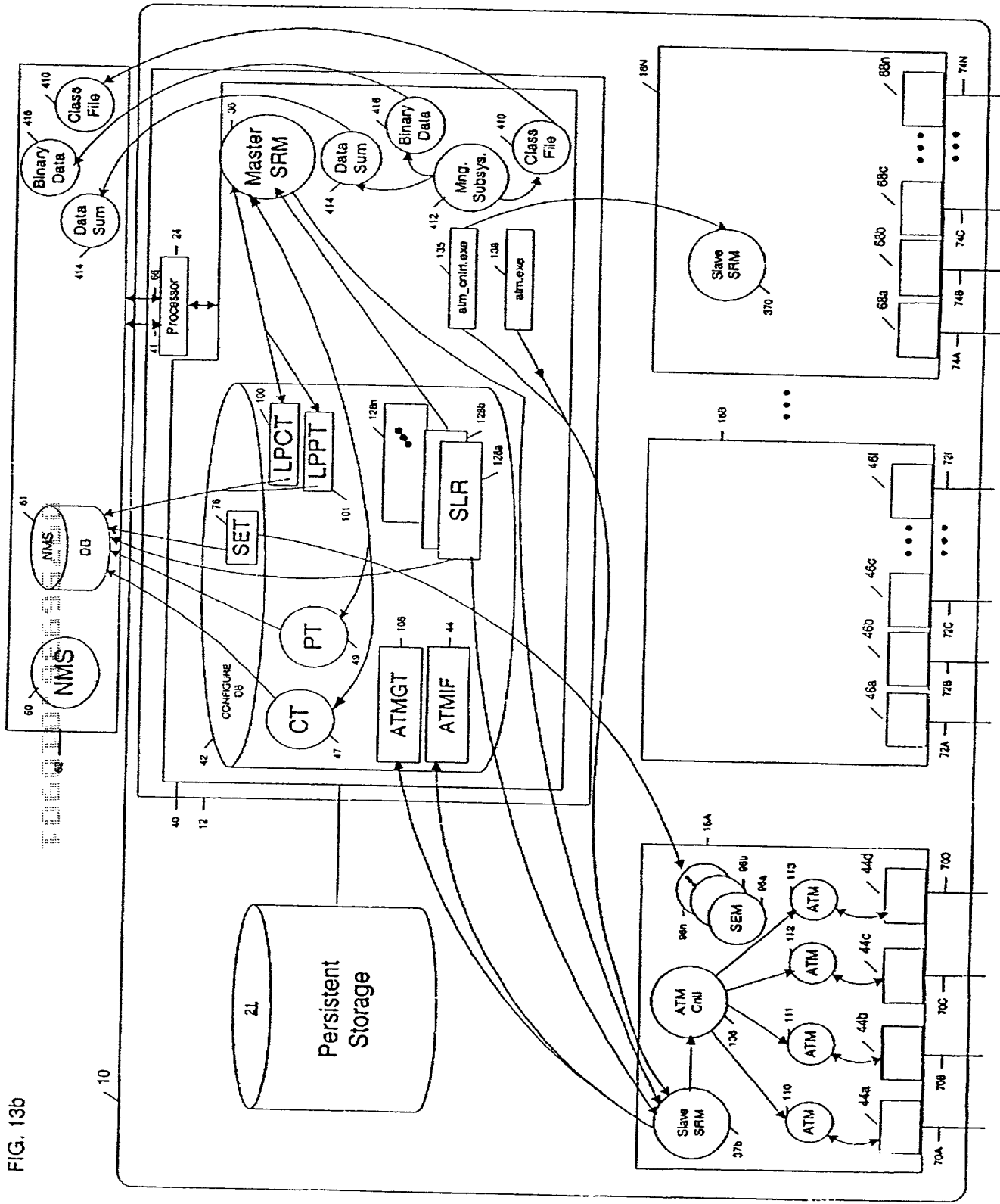


Fig. 13c

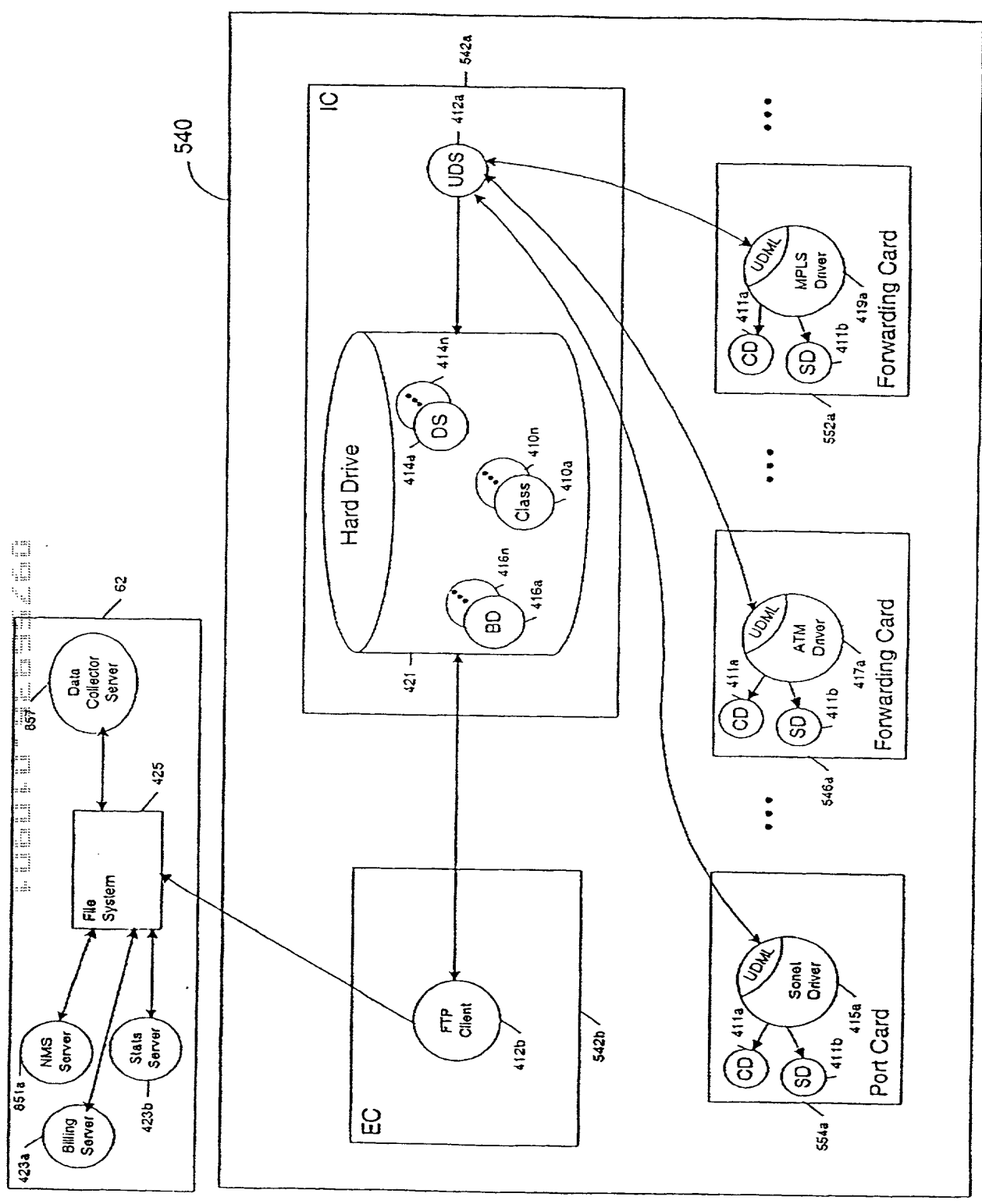


Fig. 13d

423a 851a 857 62 425 423b 412b 412a 414a 414n 416n 410a 410n 411a 411b 413a 413b 413c 417a 417b 419a 419b 419c 542a 542b 544a 546a 552a 554a

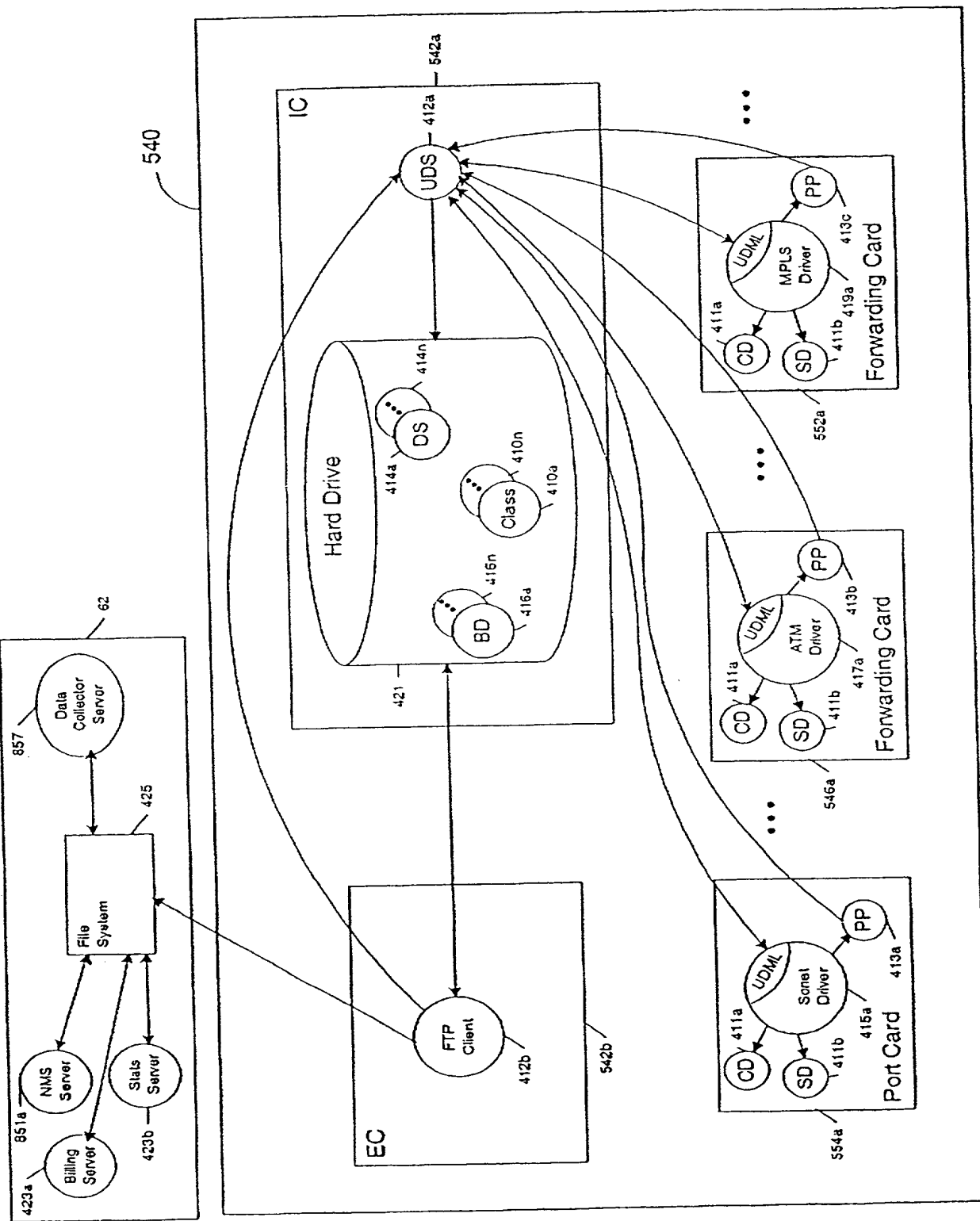




FIG. 14a

Service Endpoint Table 76

	Service Endpoint #	Port PID
78	1	1500
80	2	1501
82	3	1501
84	4	1501
86	5	1502
88	6	1502
90	7	1503
92	8	1503
94	9	1503
168	10	1502
	⋮	⋮

FIG. 14b

Logical to Physical Card Table 100

	LID	Primary PID	Back-up PID
106	30	500	513
109	31	501	513
	⋮	⋮	⋮

FIG. 14c

Logical to Physical Port Table 101

	LID	Primary PID	Back-up PID
107	40	1500	1600
	⋮	⋮	⋮

FIG. 14d

ATM Group Table 108

Group #	Card LID	...
1	30	
2	30	
3	30	
4	30	

FIG. 14e

ATM Interface Table 114

ATM IF	ATM Group	SE	...
1	1	1	
2	1	1	
3	1	1	
4	2	2	
5	2	3	
6	2	4	
⋮	⋮	⋮	⋮
12	3	10	
⋮	⋮	⋮	⋮

FIG. 14f

Software Load Record 128a

130	Control Shim	LID	132
134	atm-cntl.exe	30	

FIG. 15

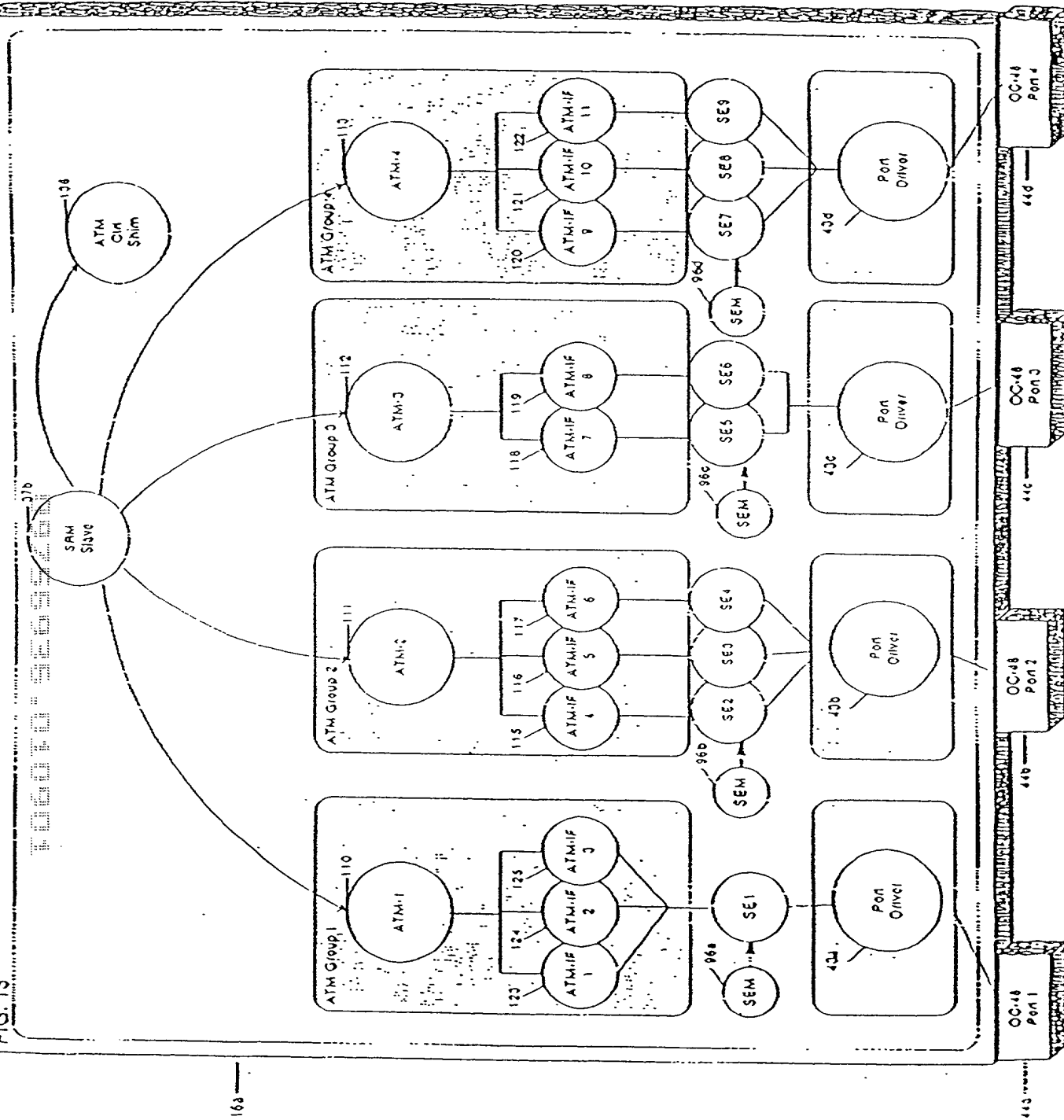
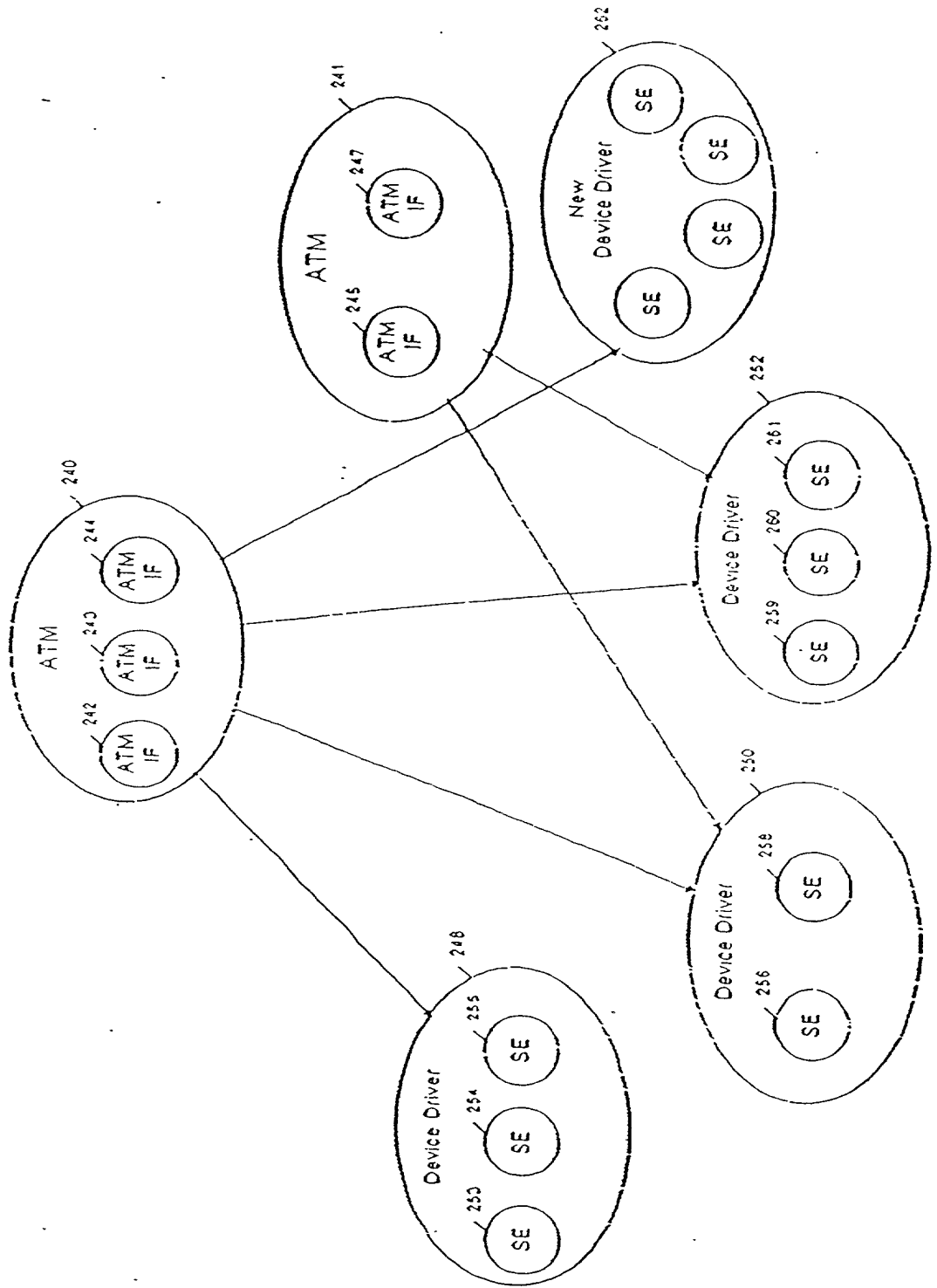
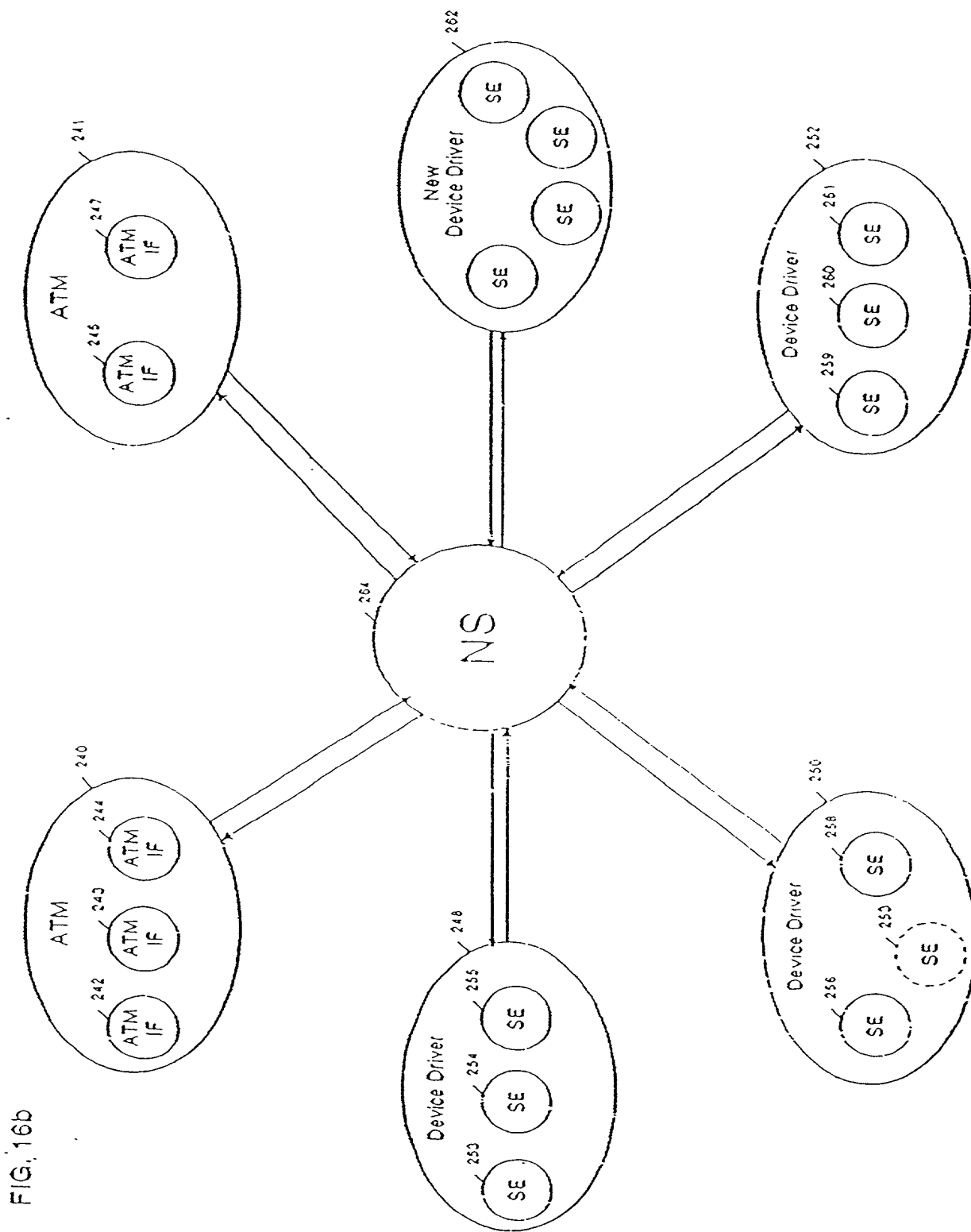
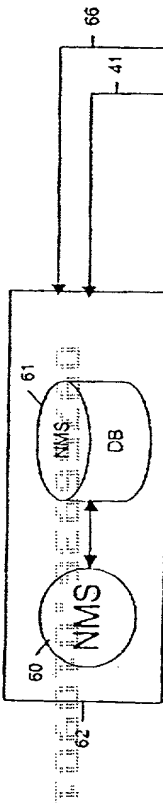


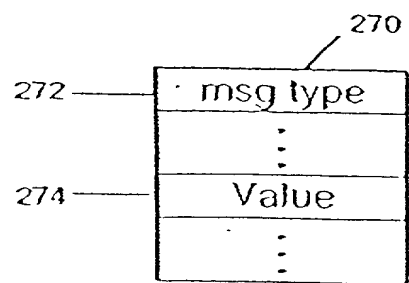
FIG. 16a





The block diagram illustrates the system architecture. It features a central component labeled 'NMS' (60) and a component labeled 'NMS/DB' (61). The 'NMS/DB' (61) component is depicted as a cylinder, with 'NMS' written inside the top half and 'DB' written inside the bottom half. A double-headed arrow connects the 'NMS' (60) component to the 'NMS' portion of the 'NMS/DB' (61) component. The entire system is enclosed in a rectangular box, with a dashed line labeled '62' indicating a boundary or connection point at the bottom.



[illegible]

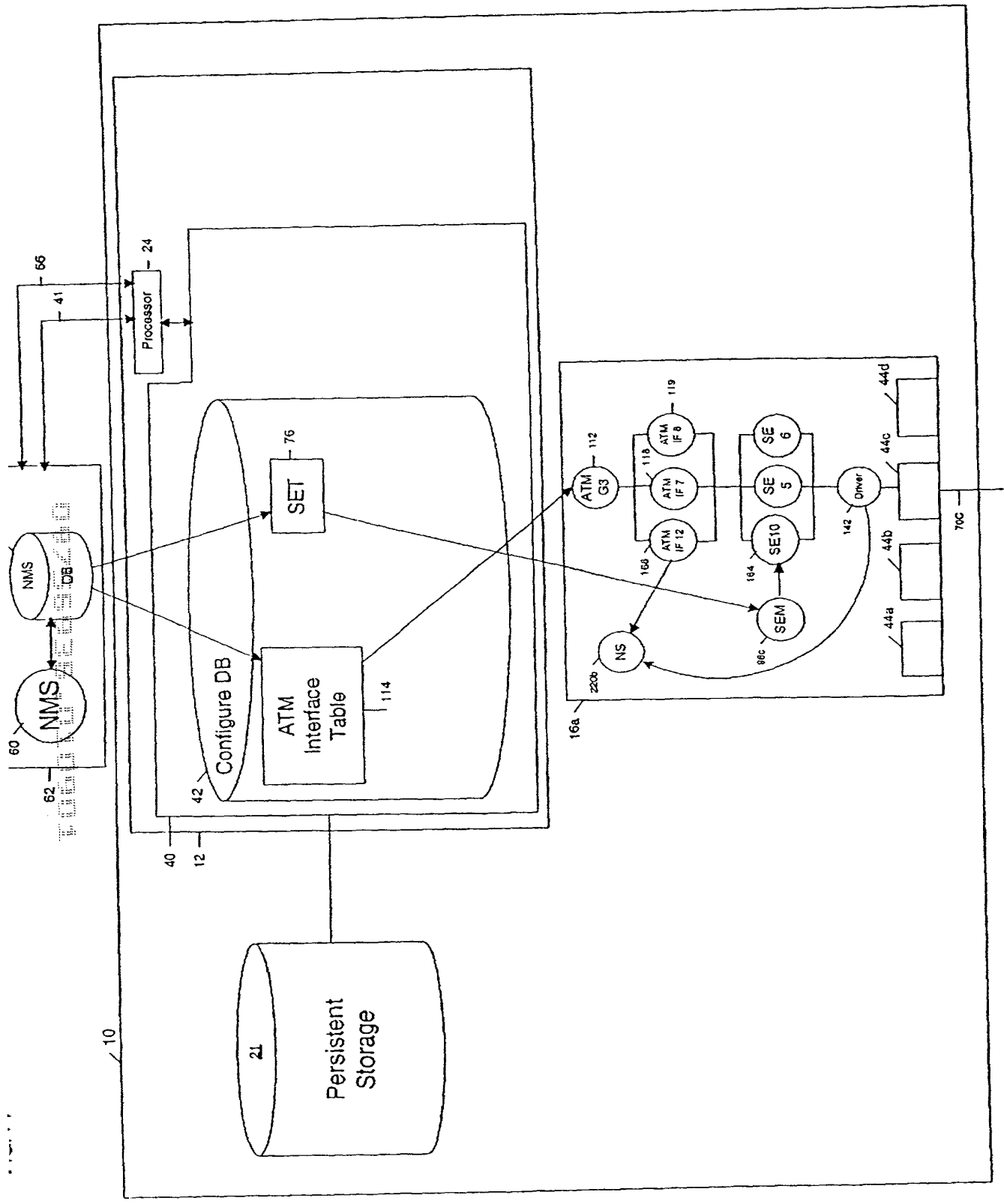




Fig 18

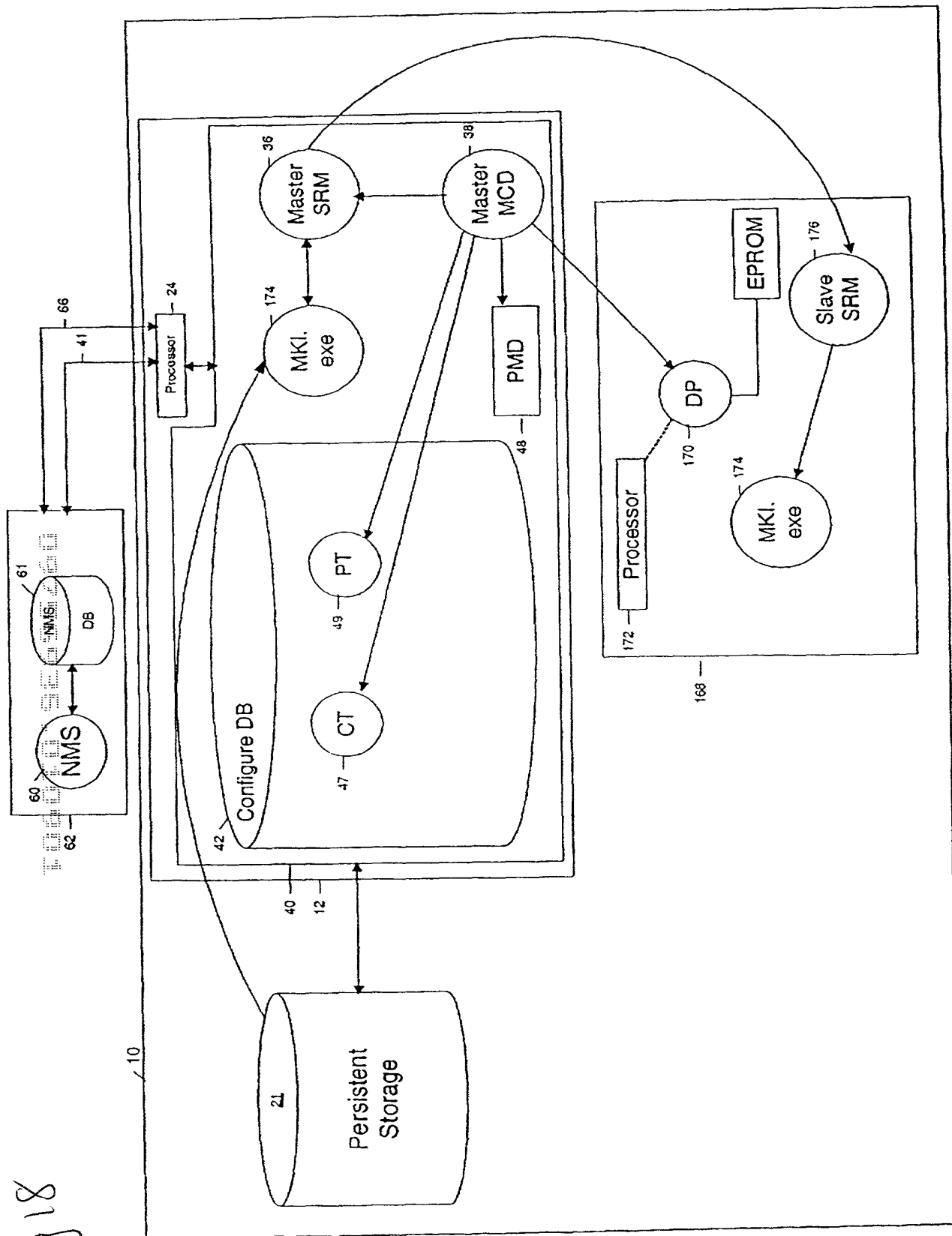


Fig 19

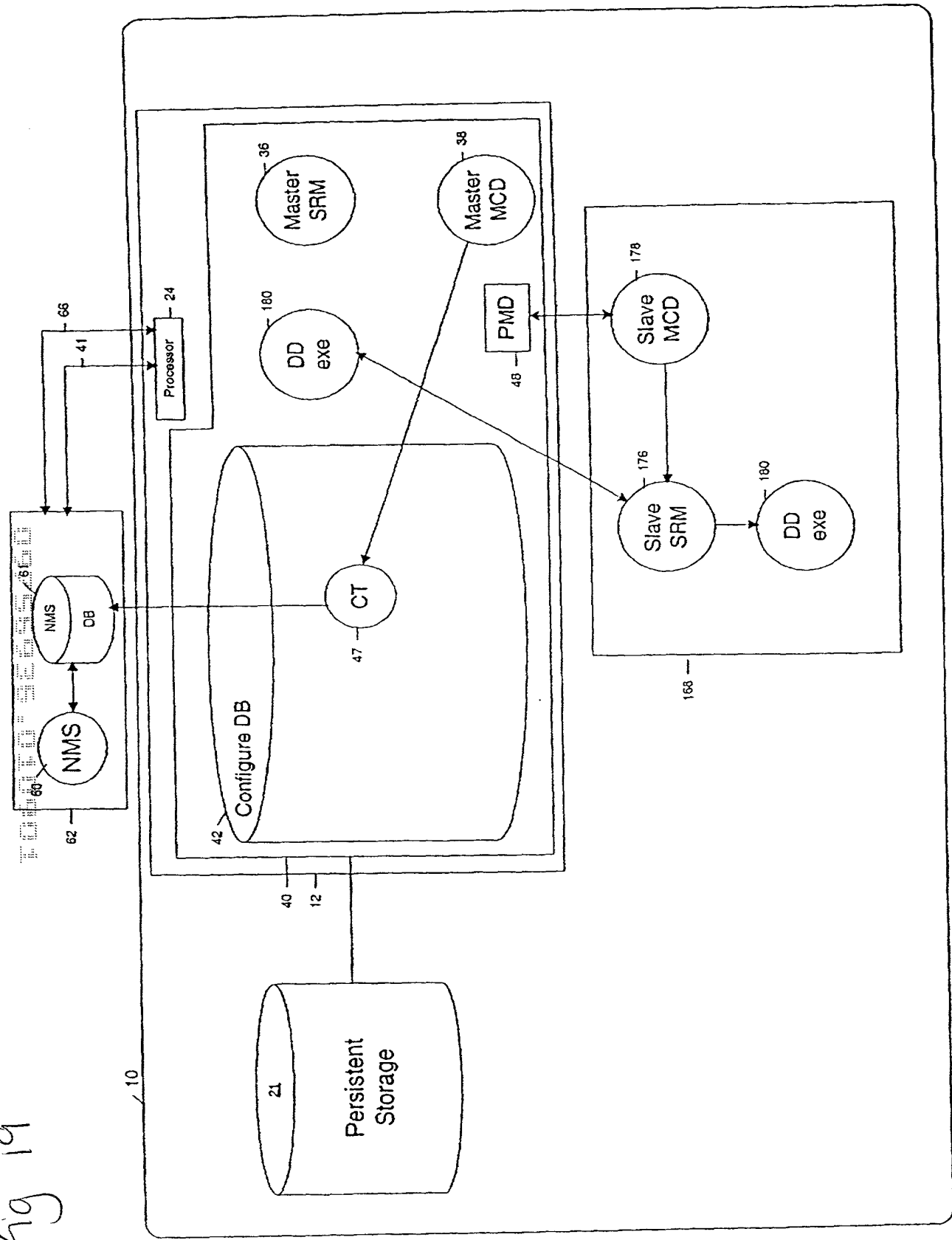


fig 20

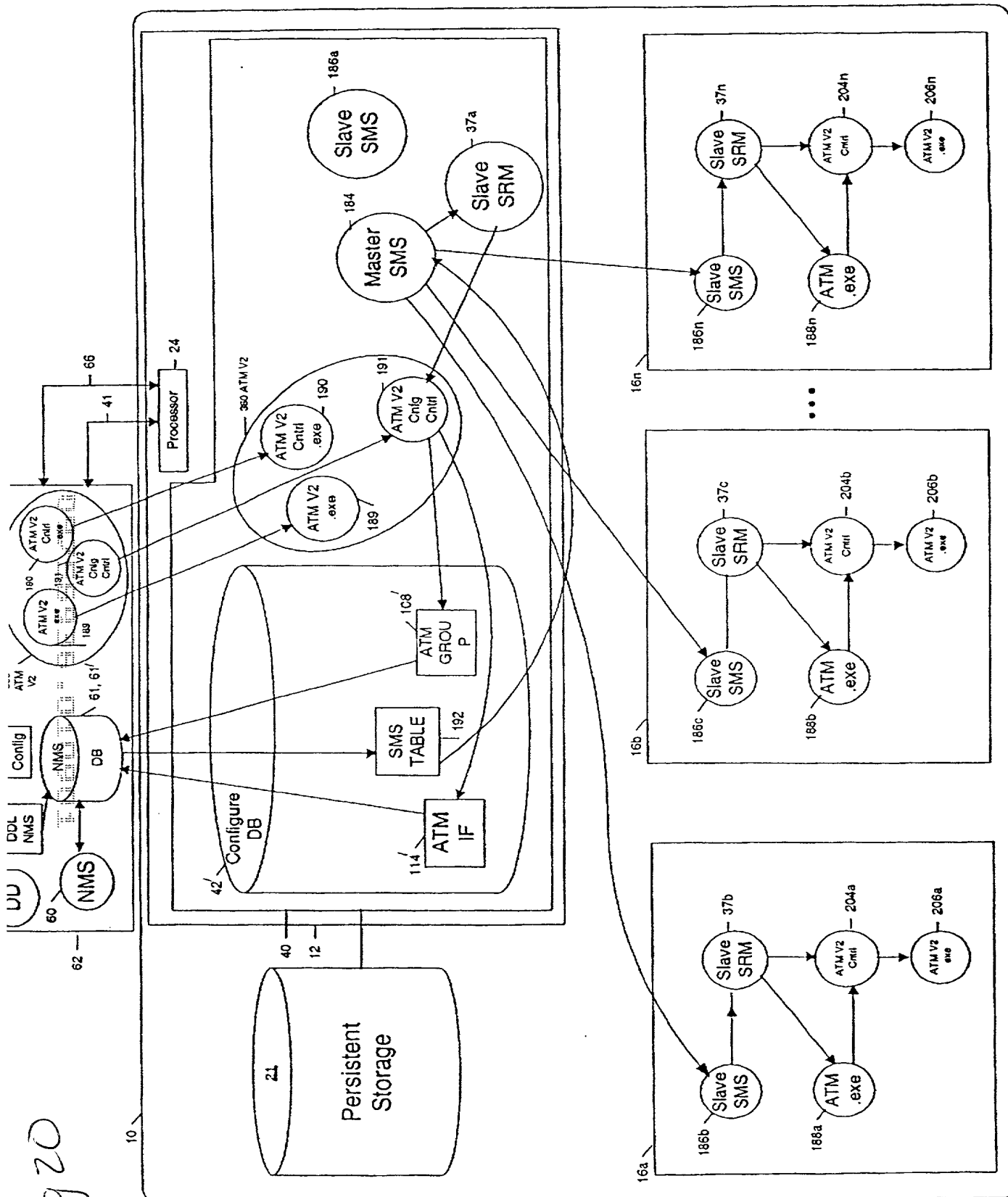


FIG. 21

FIG. 21 is a schematic diagram of a version control system.

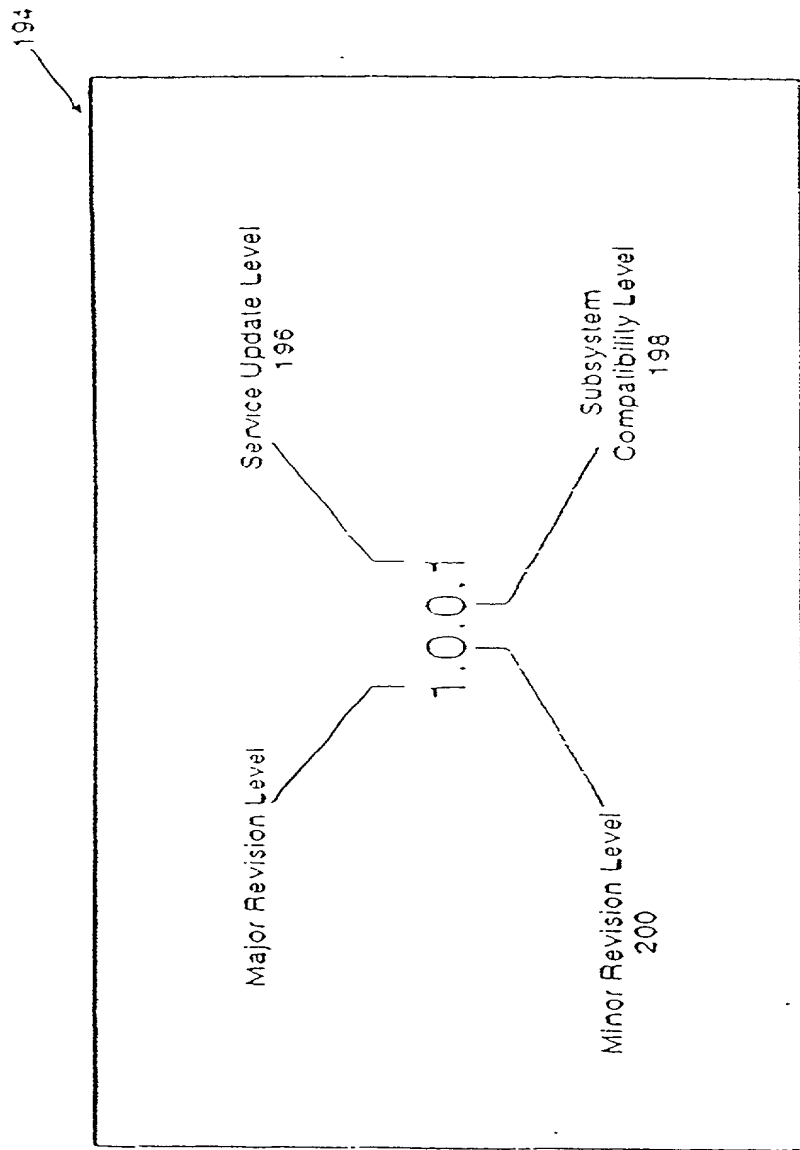


FIG. 22

FIG. 22

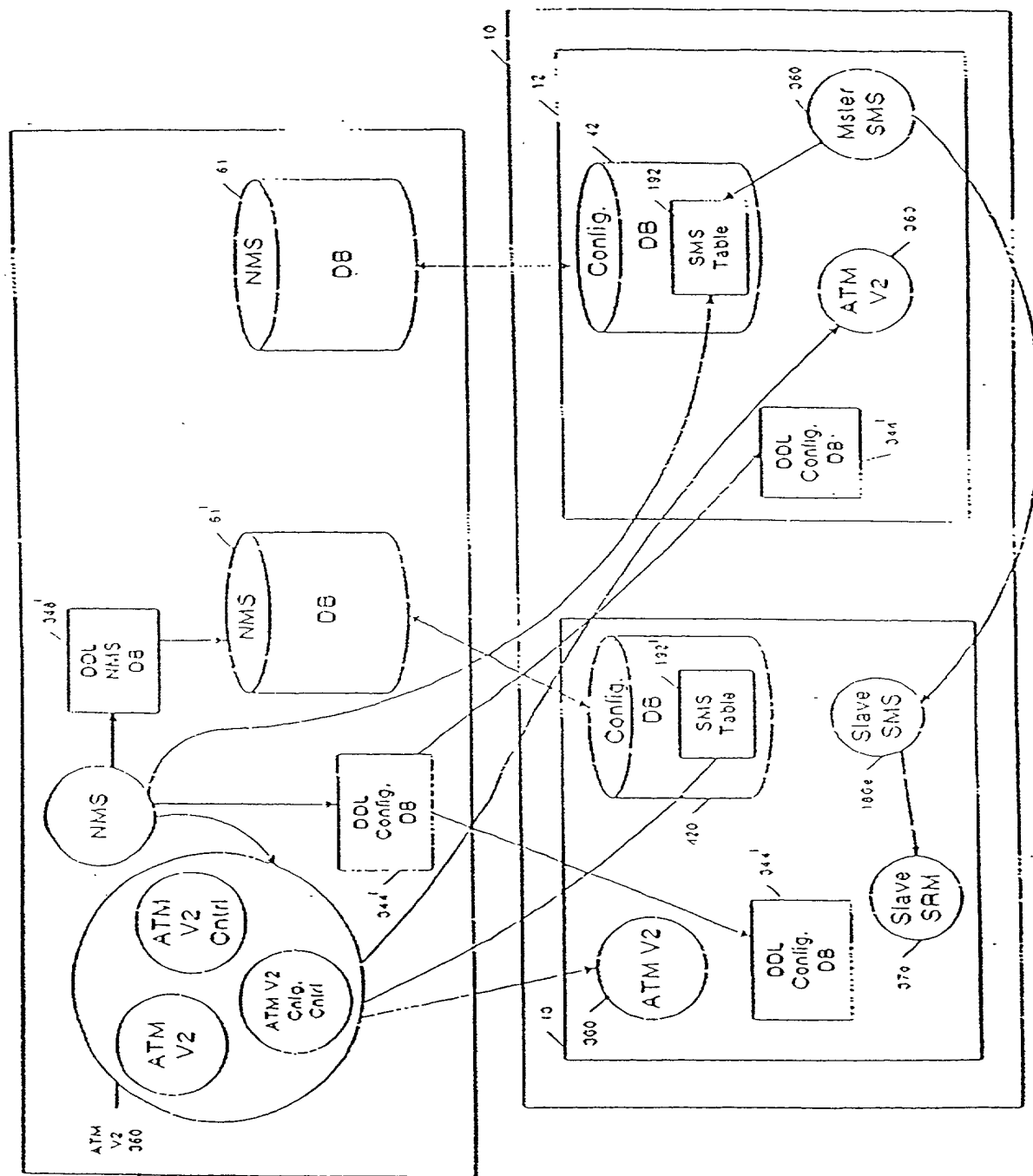


fig.23

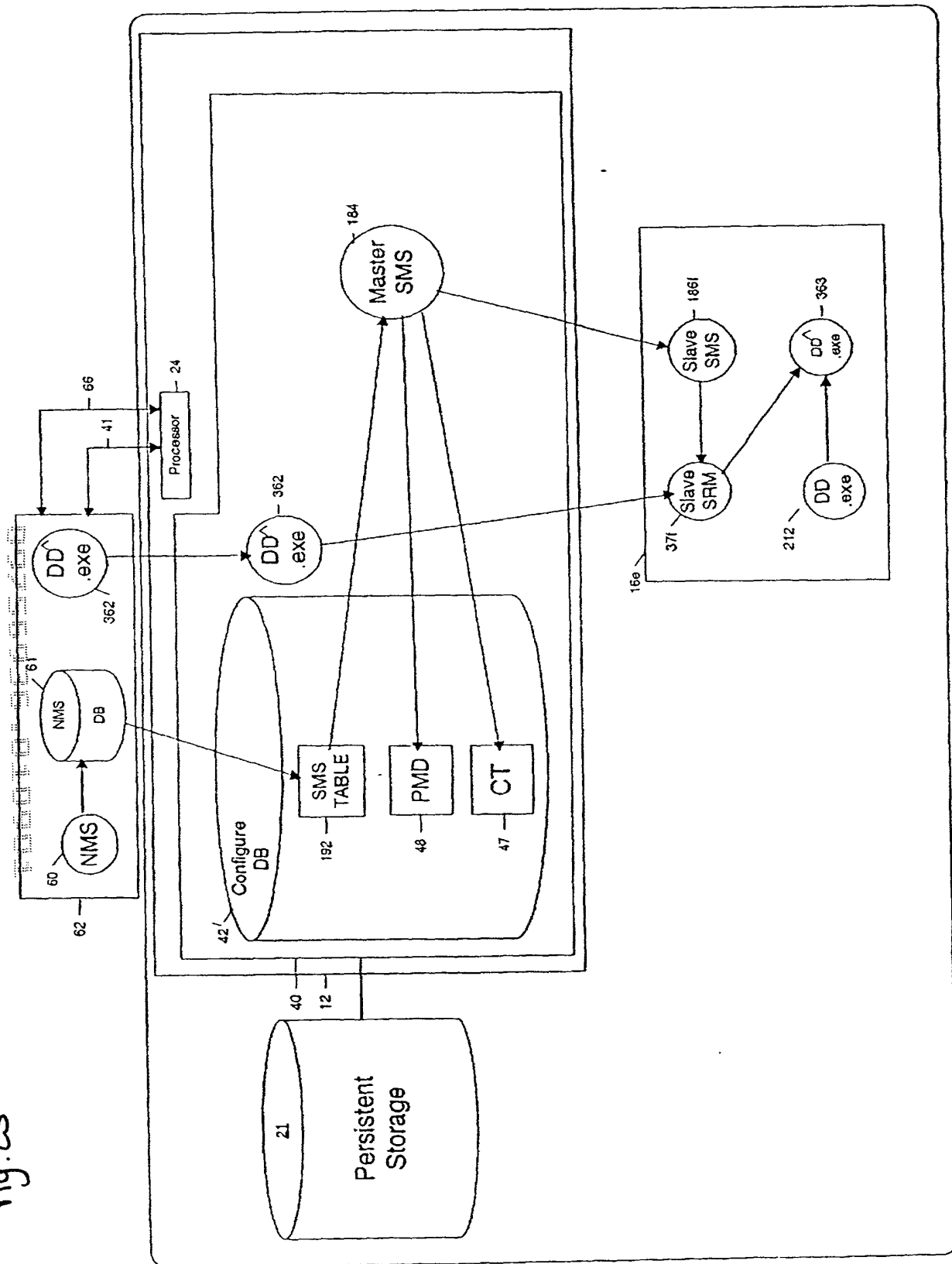


FIG. 24

FIG. 24

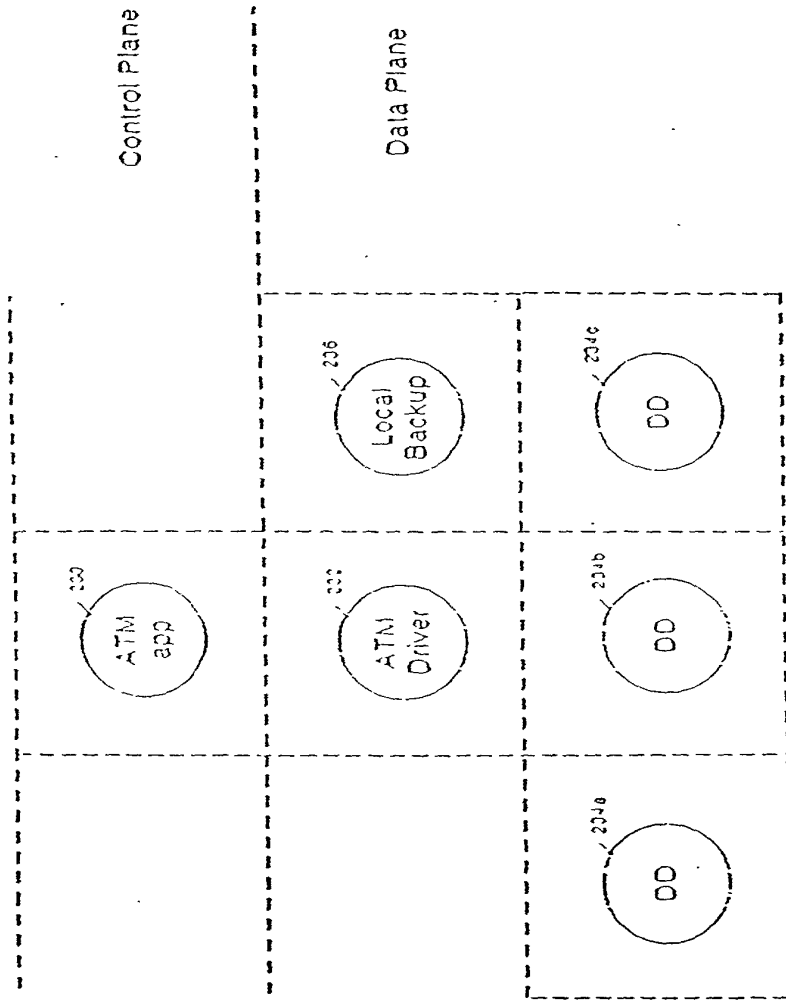
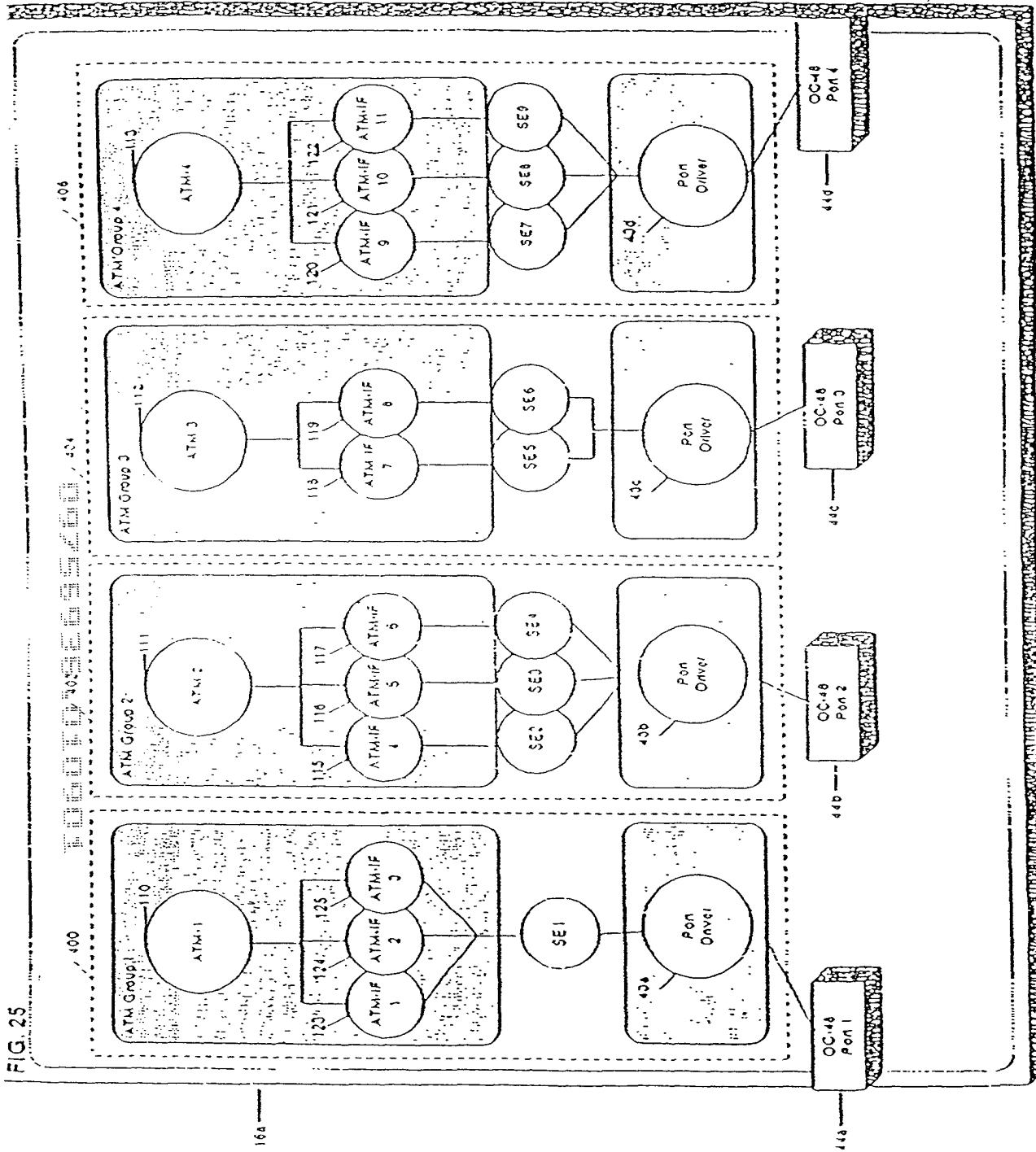


FIG. 25





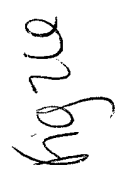
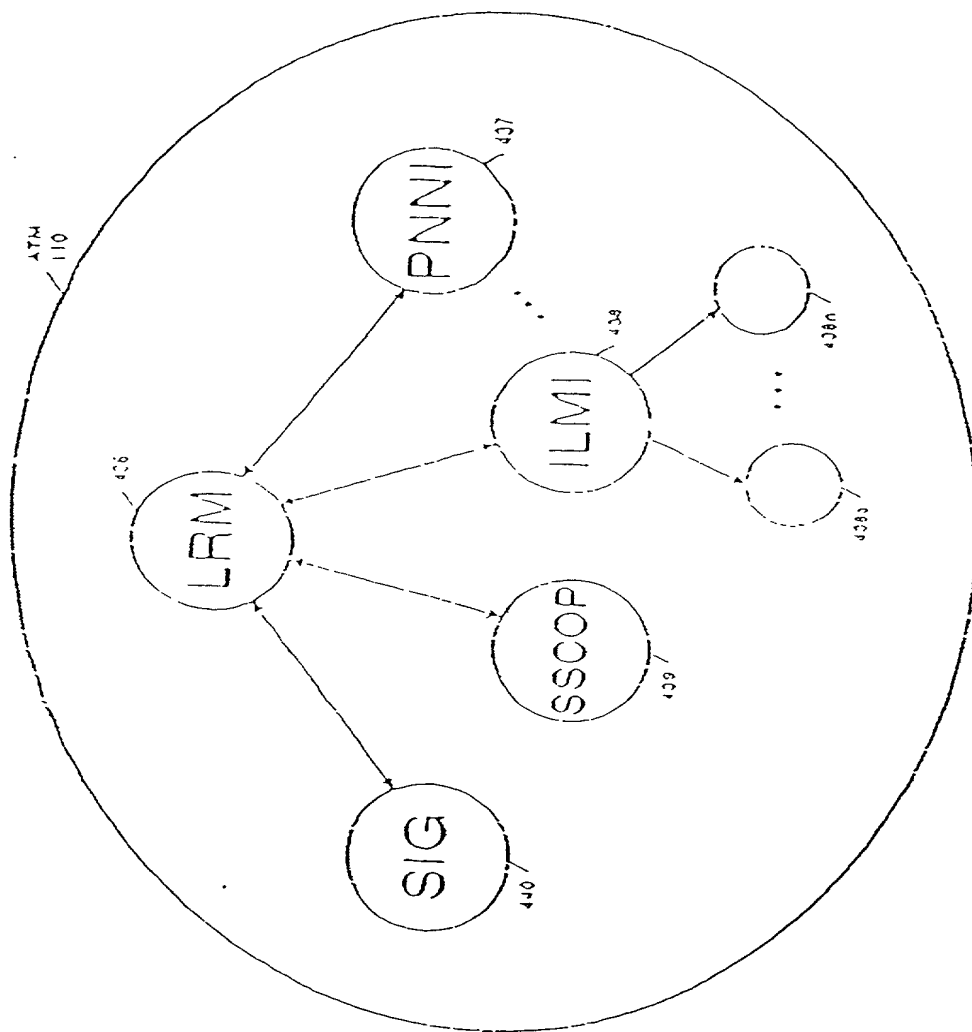


FIG. 27

FIG. 27



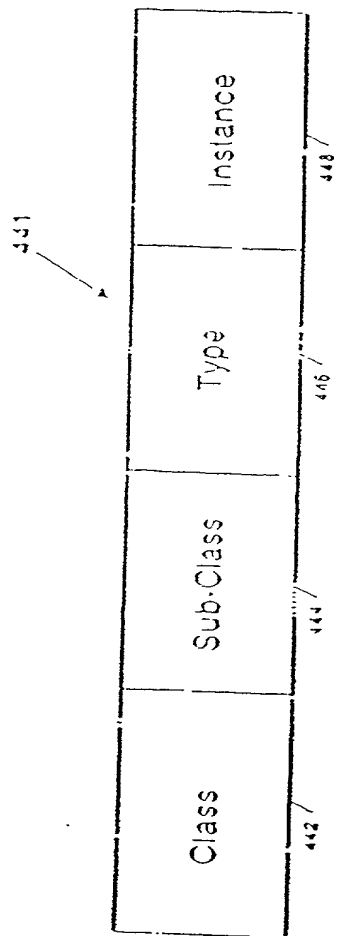
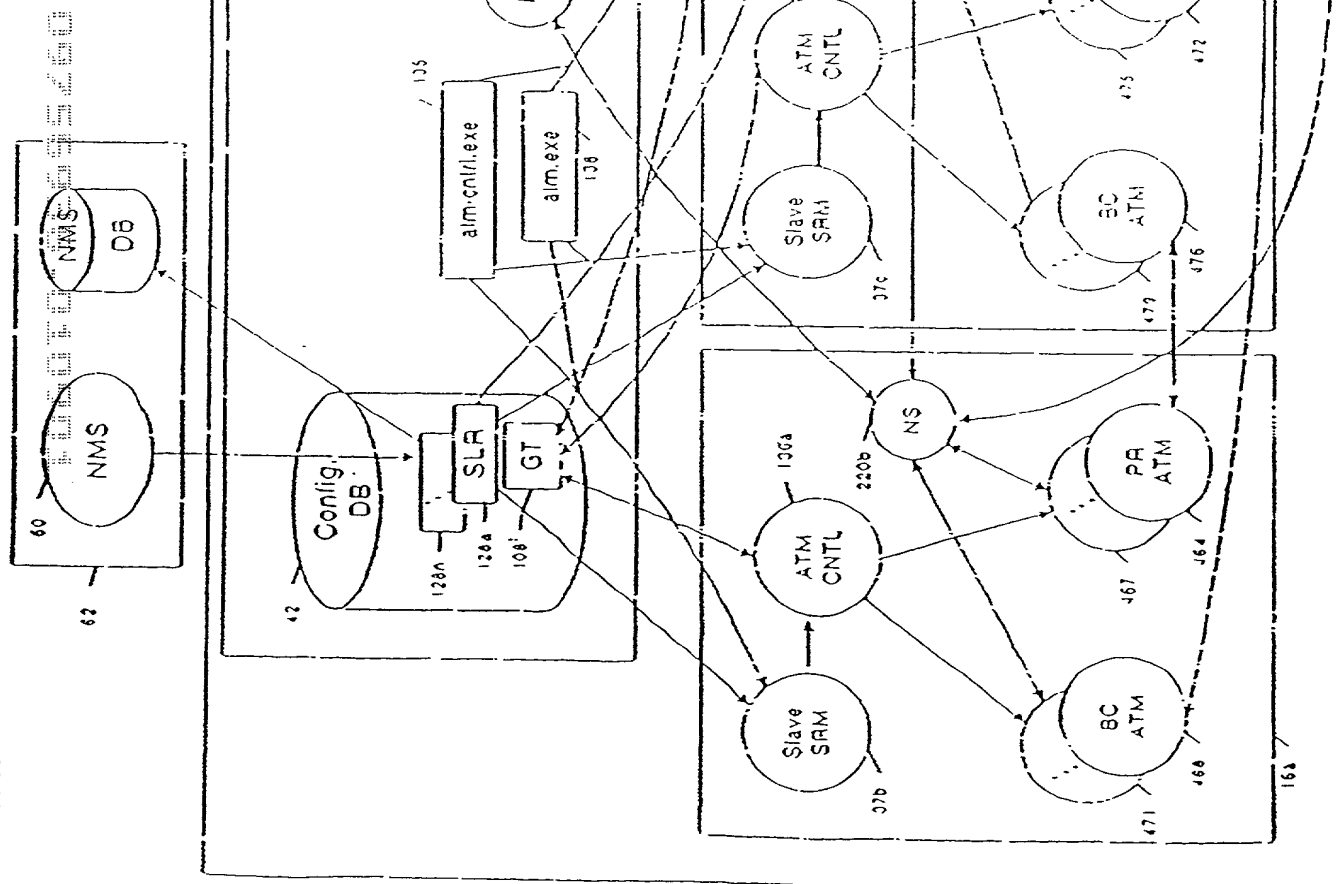


FIG. 29

10



449

fig 30

[illegible]

Fig. 31a

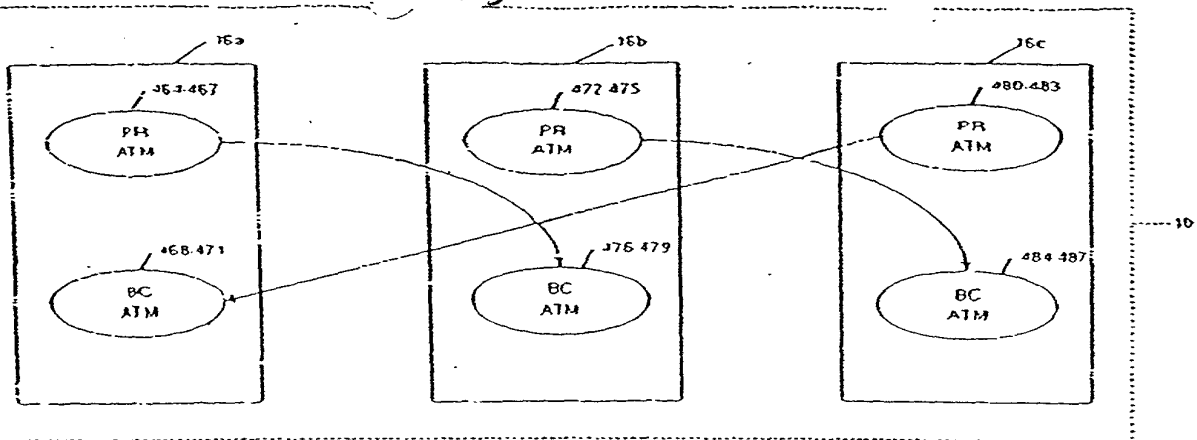


Fig. 31b

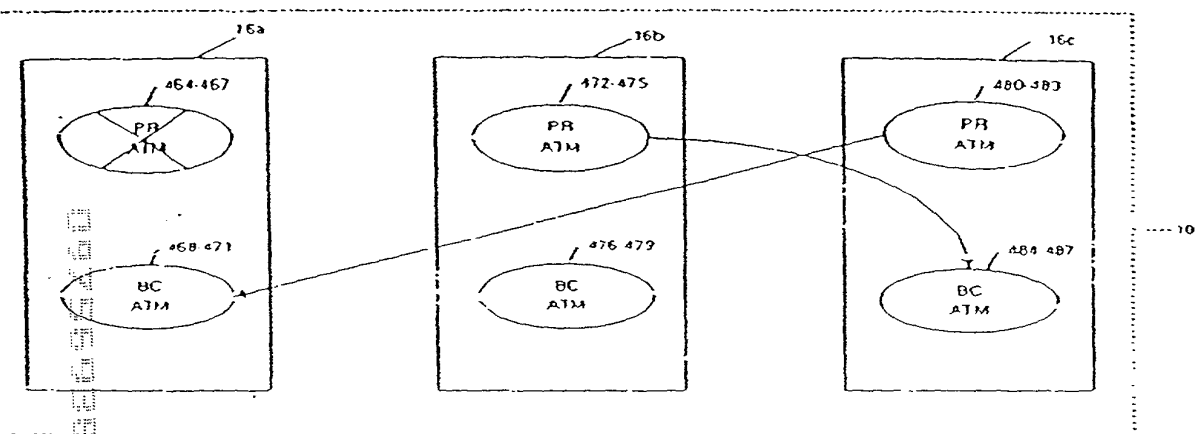
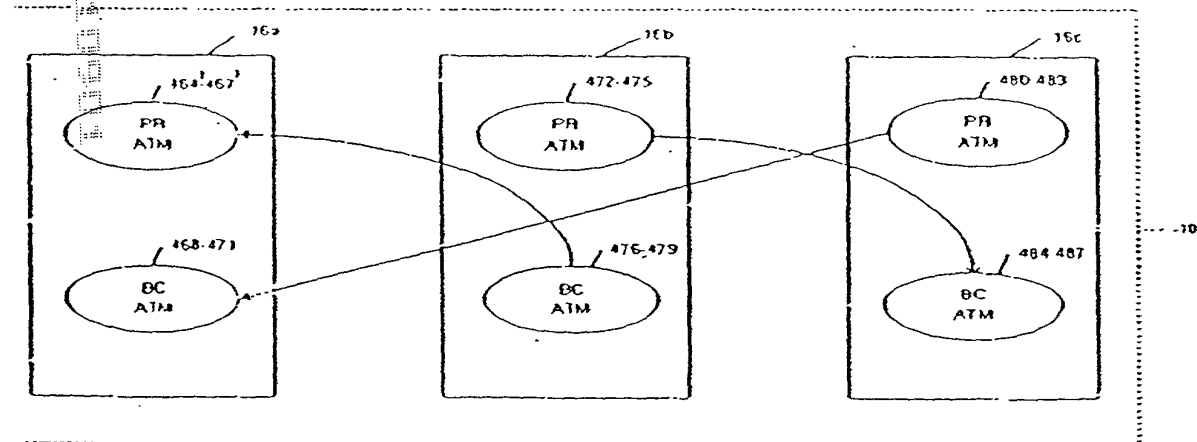


Fig. 31c



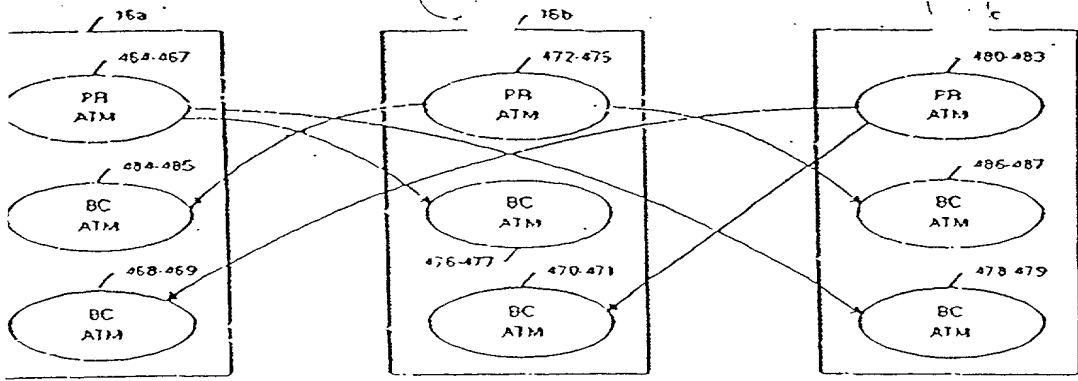


Fig. 32b

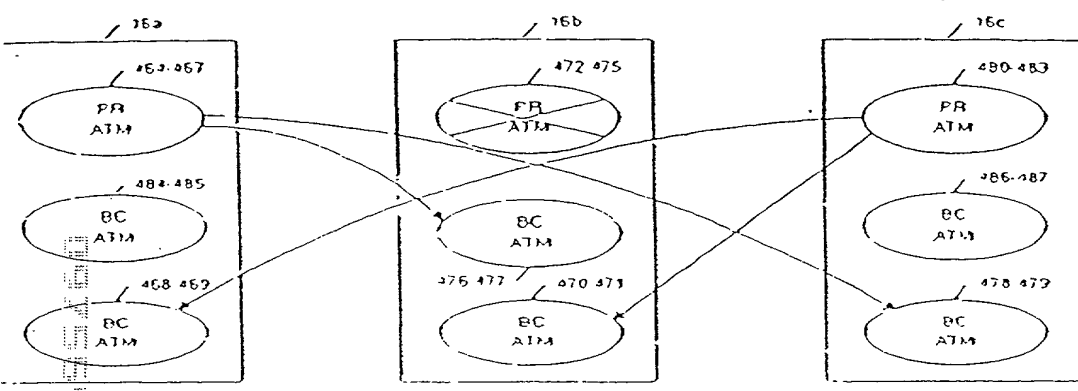


Fig. 32c

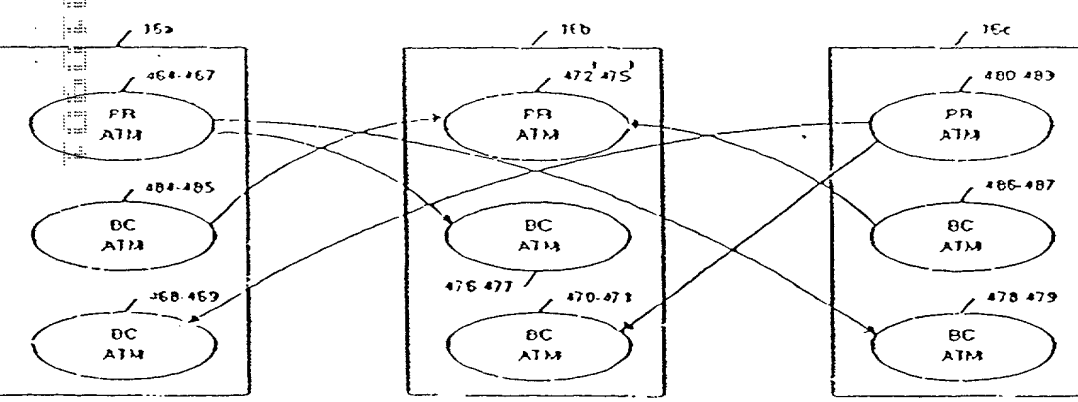


Fig. 32A

Fig. 33a

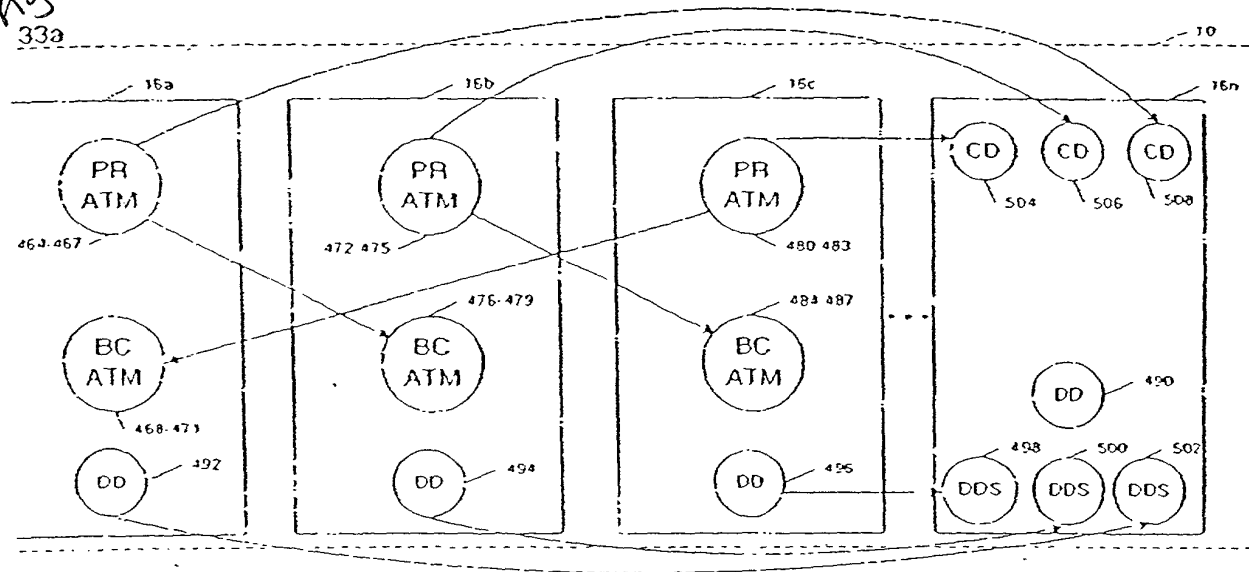


Fig. 33b

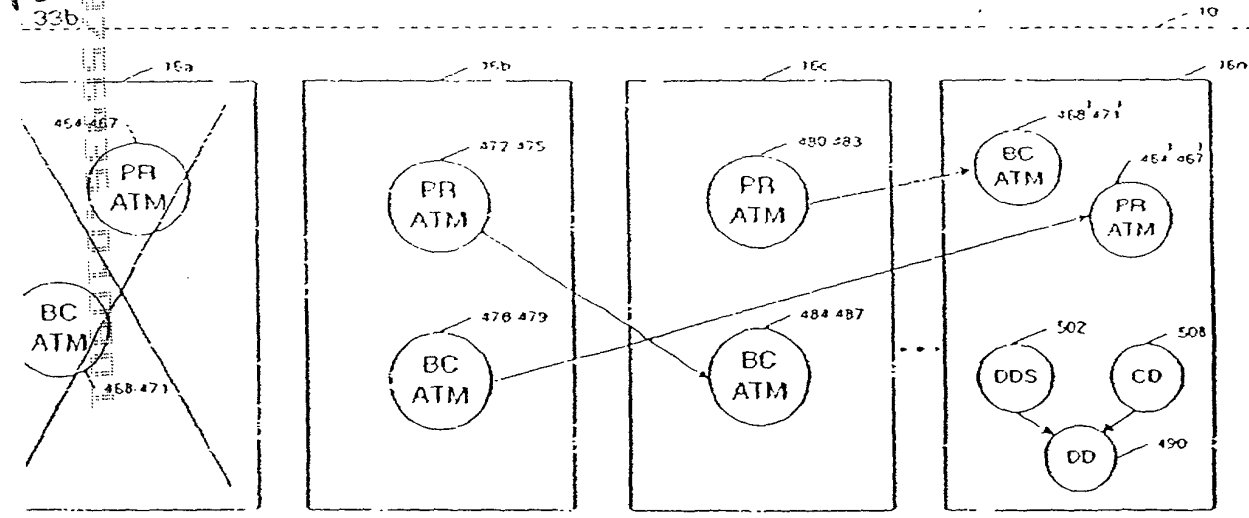




Fig 33c

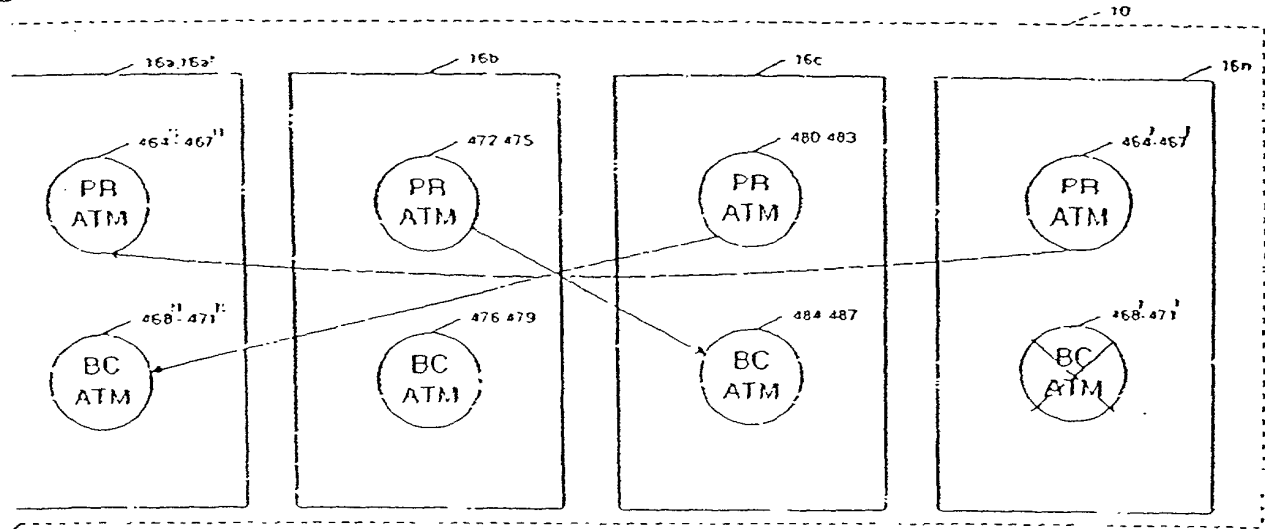


Fig 33d

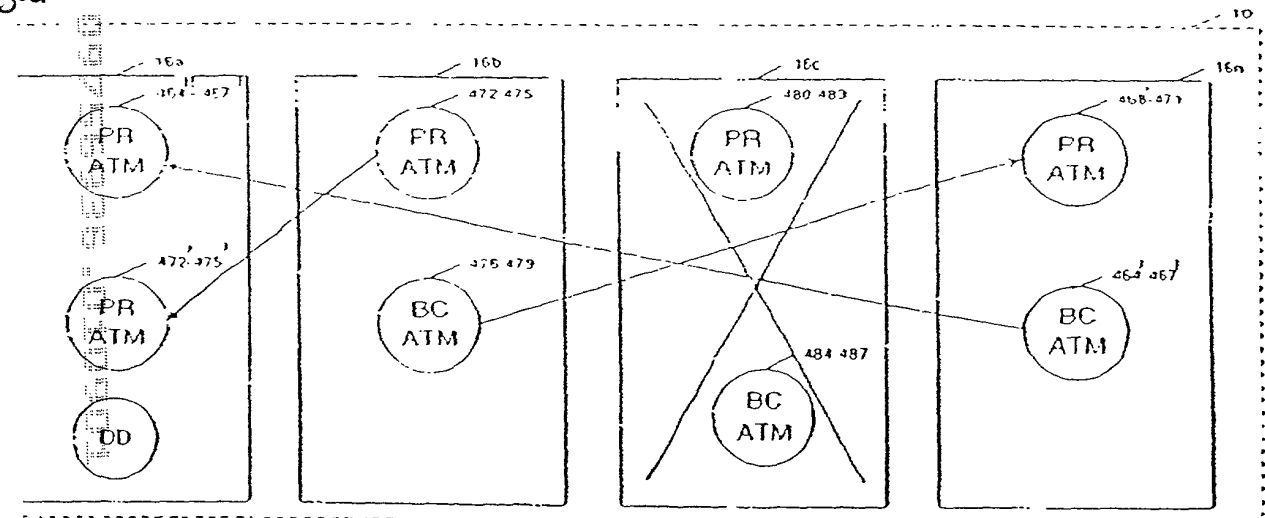
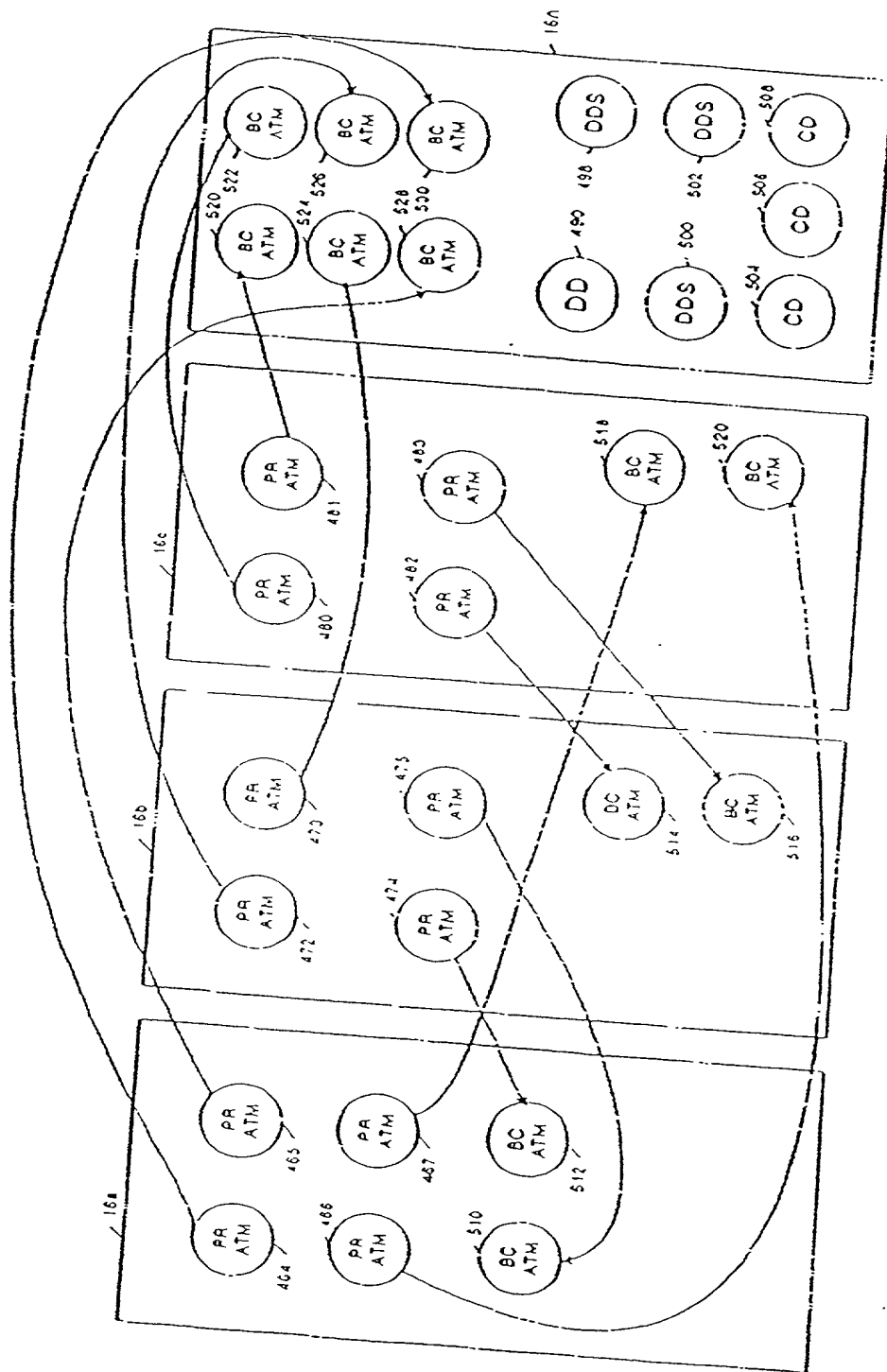


Fig. 34a



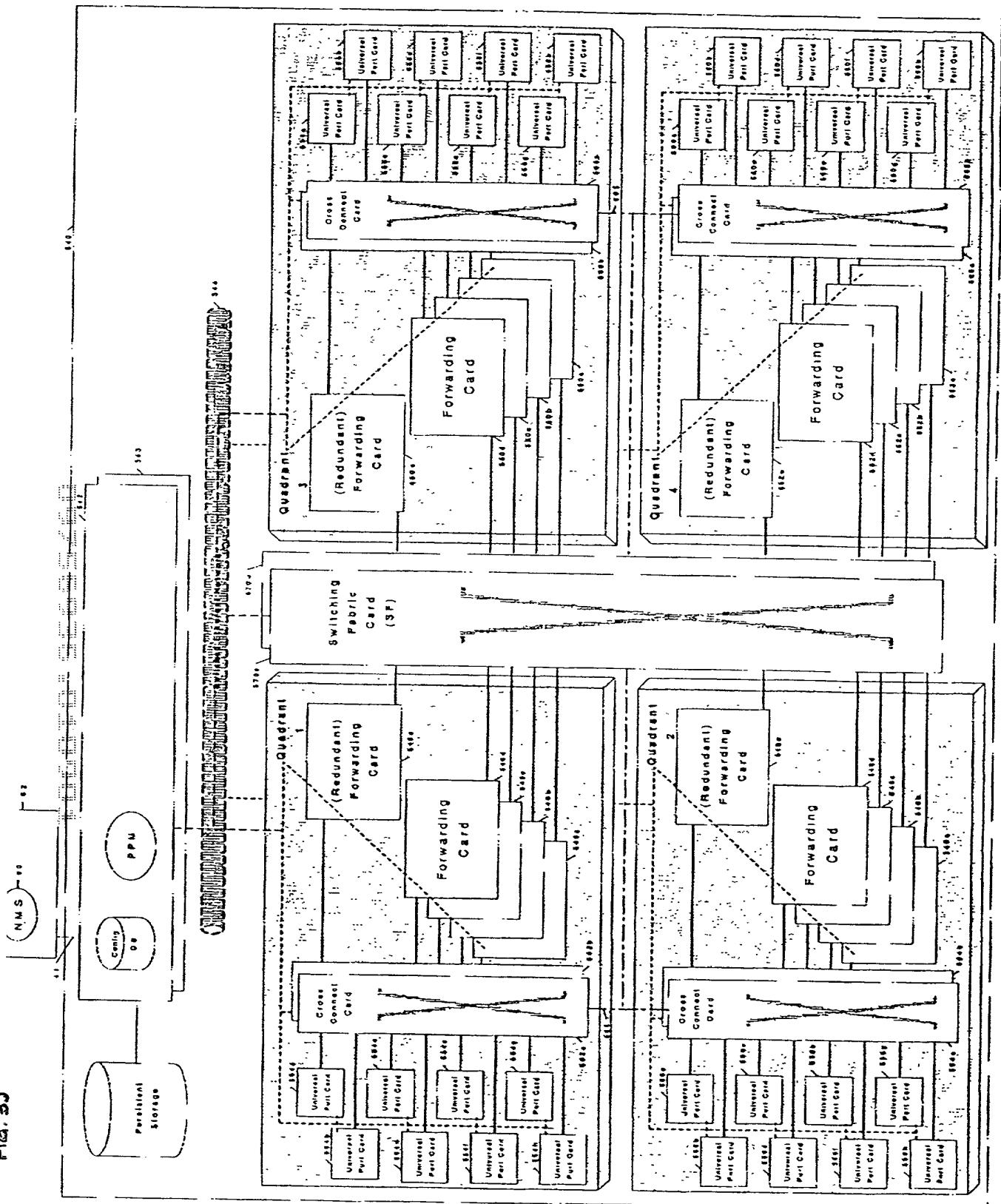


FIG. 36

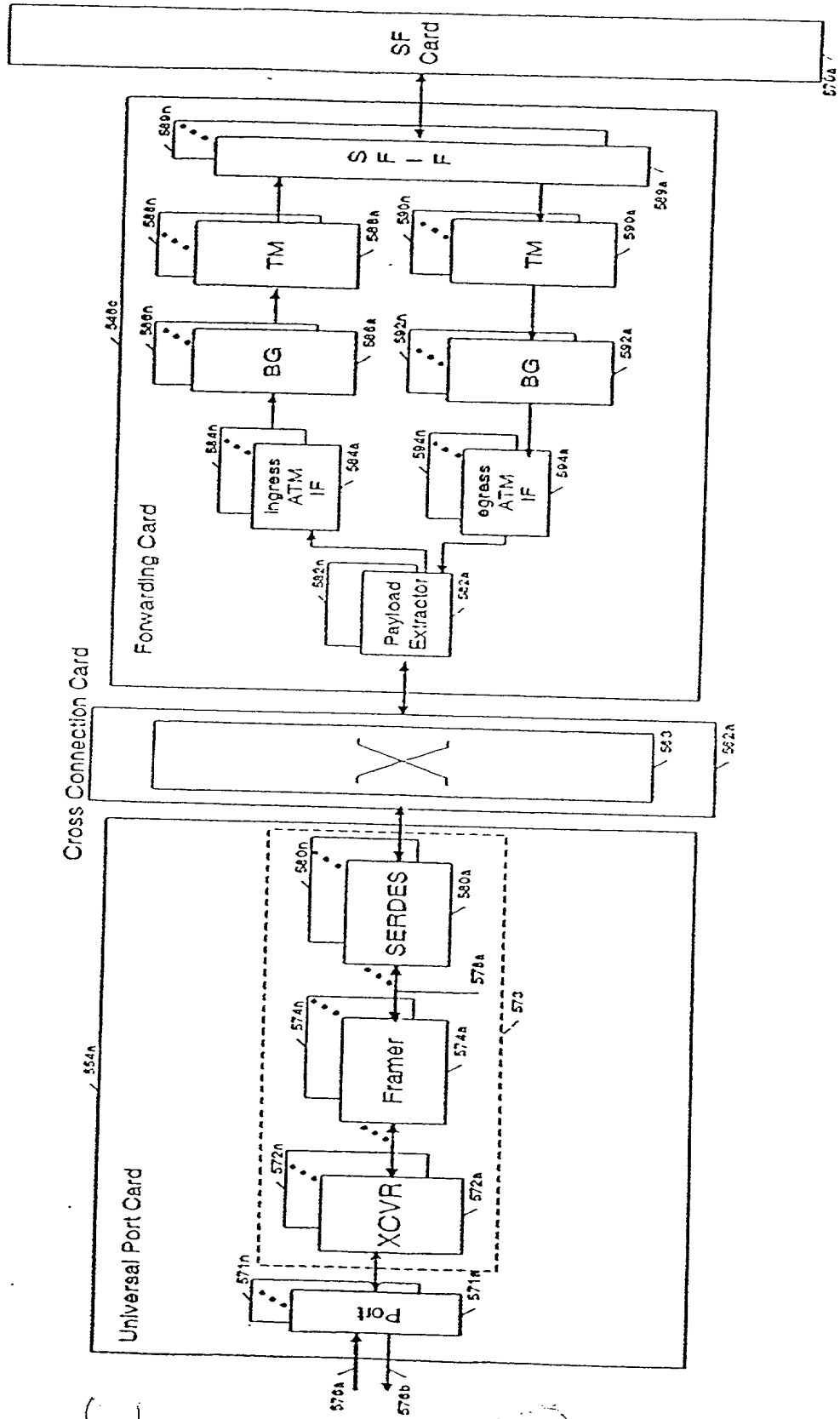


FIG. 37

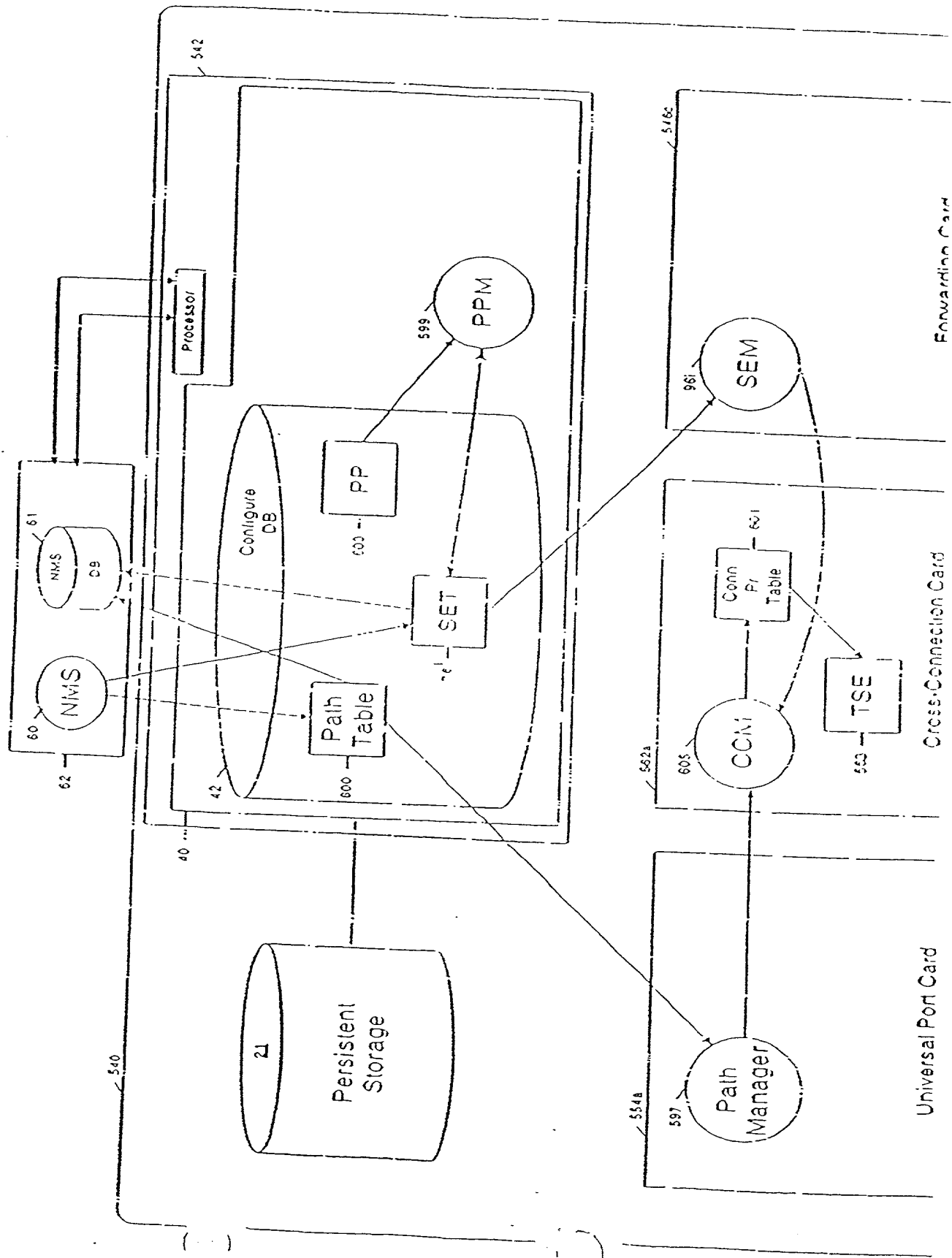


FIG. 38

Path Table 600

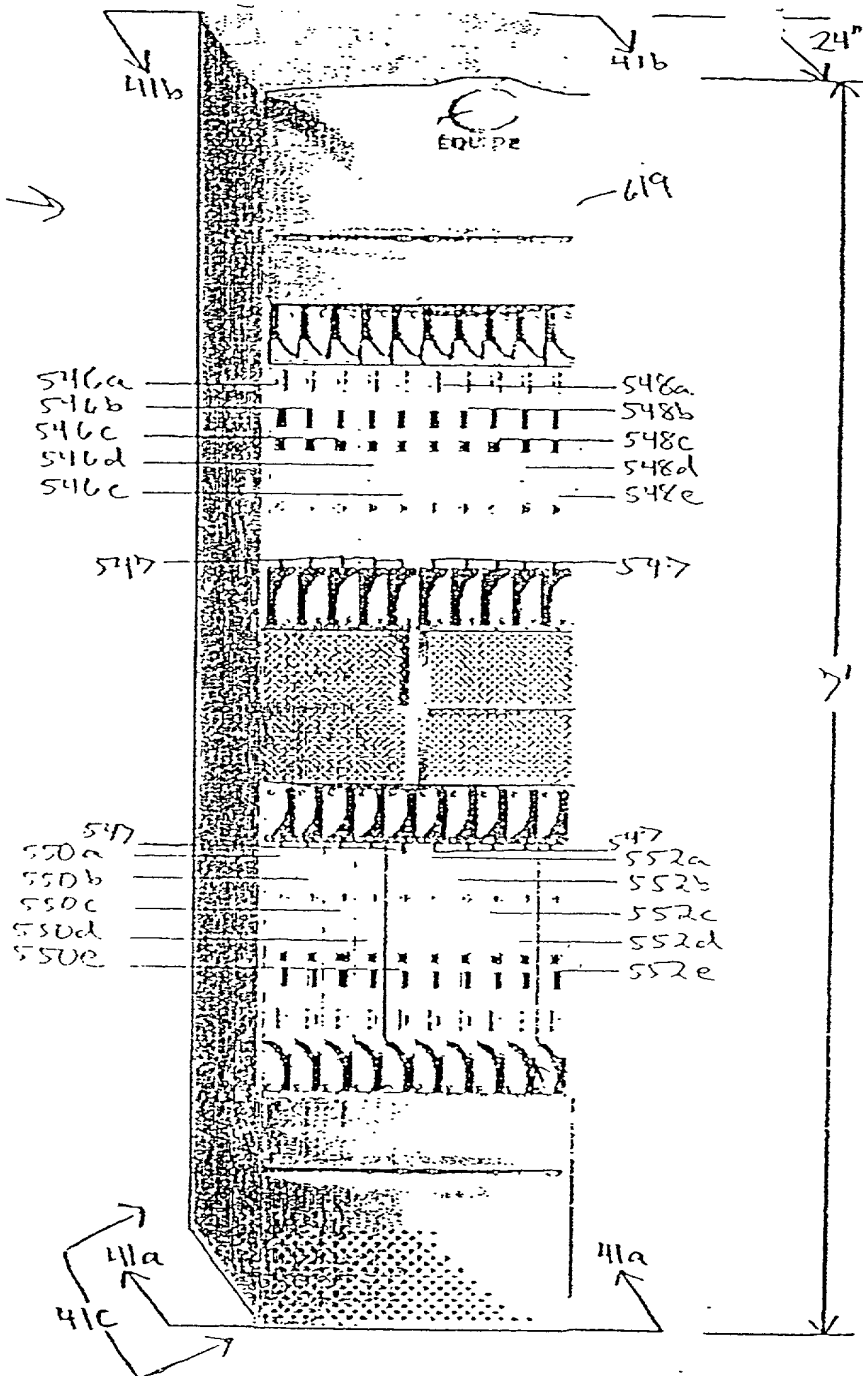
602

Path LID	UP Port LID	Time Slot	# of Time Slots	...
1666	1231	4	3	
...	...	...	...	...

FIG. 39

Service End Point Table 76'

SE #	Q #	FC LID	FC Slice	FC Time Slot	Path PID	...
878	1				1666	
...	...	...	...	...	...	...





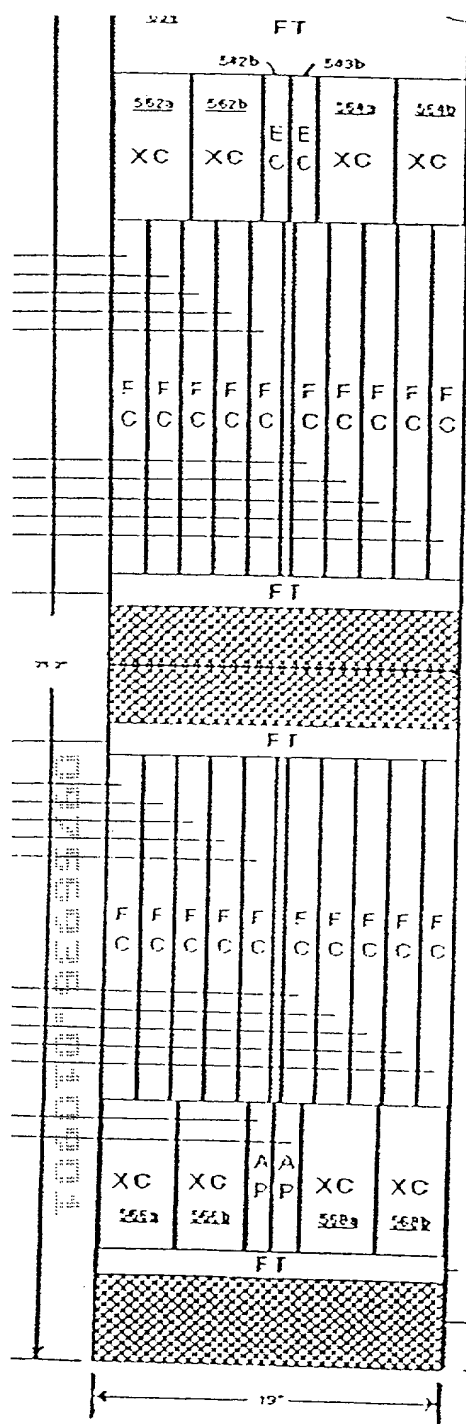


Fig. 41A

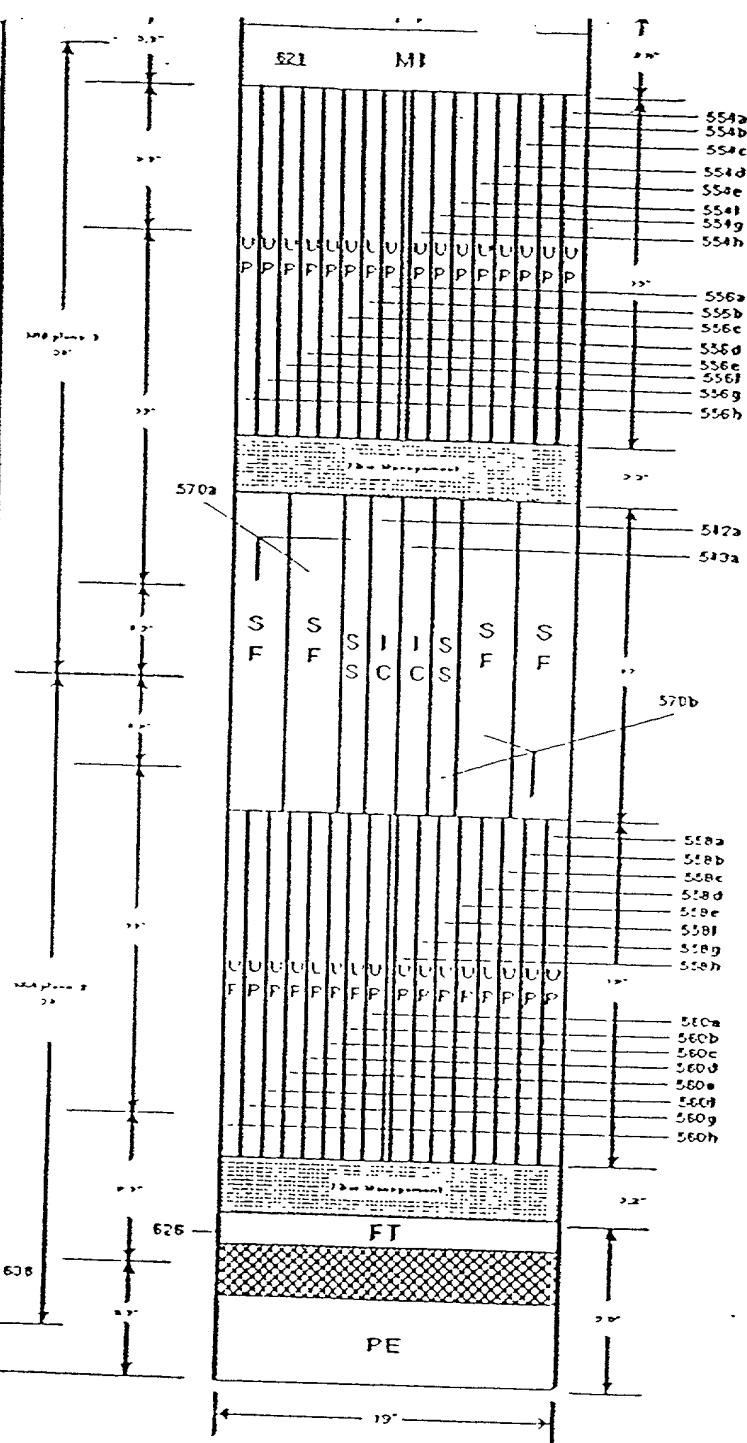
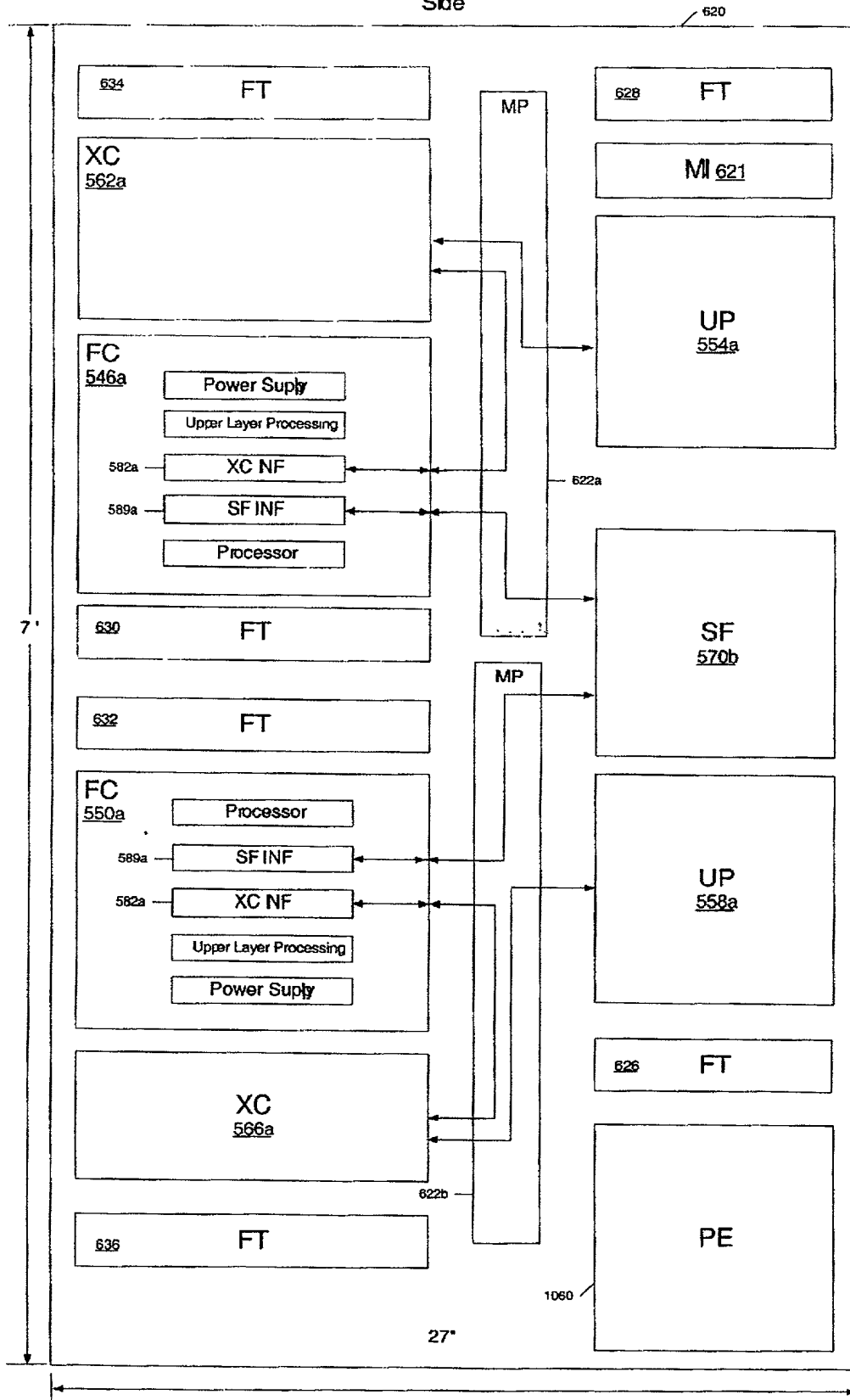


Fig. 41b

FIG. 41c  
Side



100010 3469460

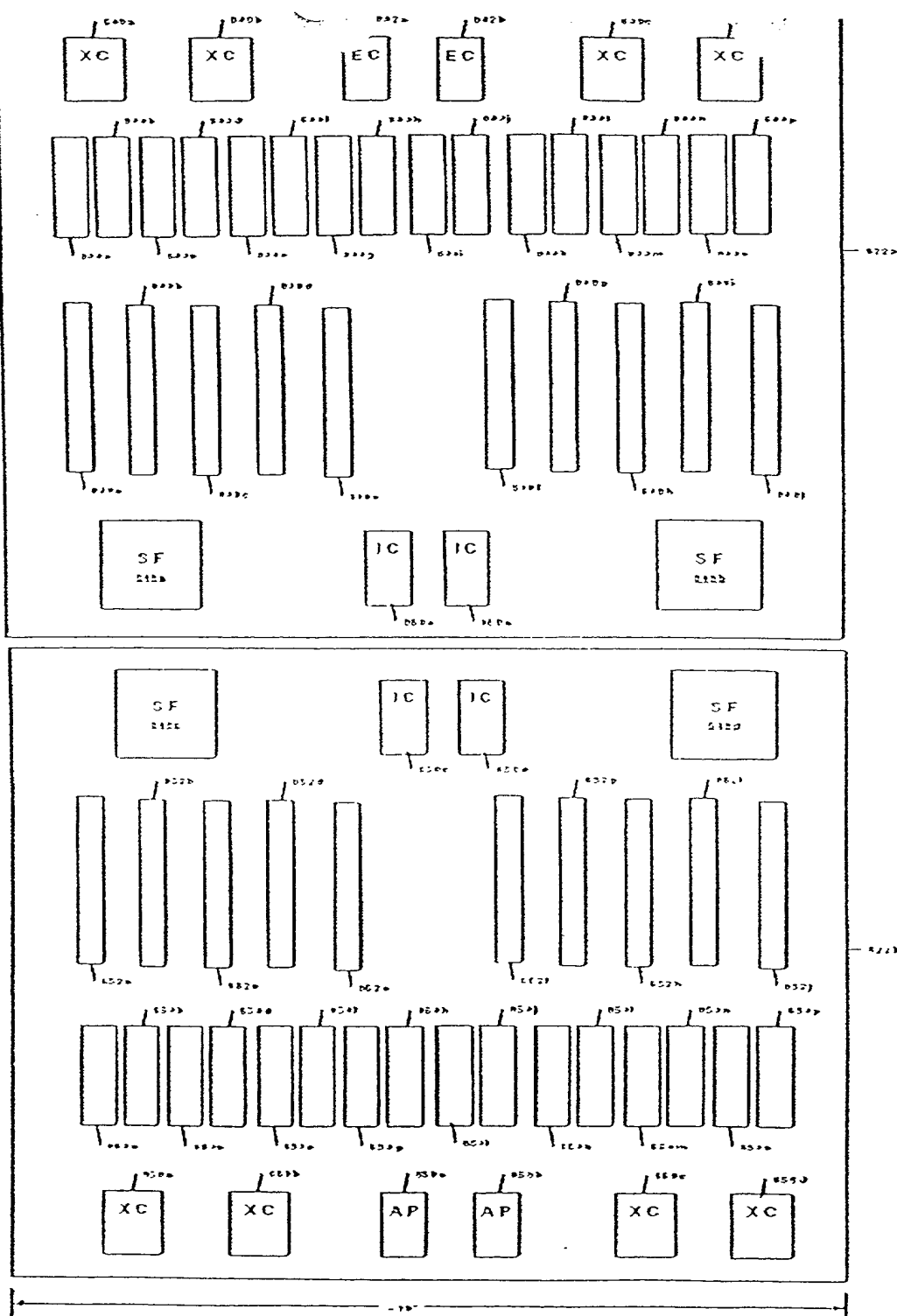


Fig. 42

FIG. 43

FIG. 43

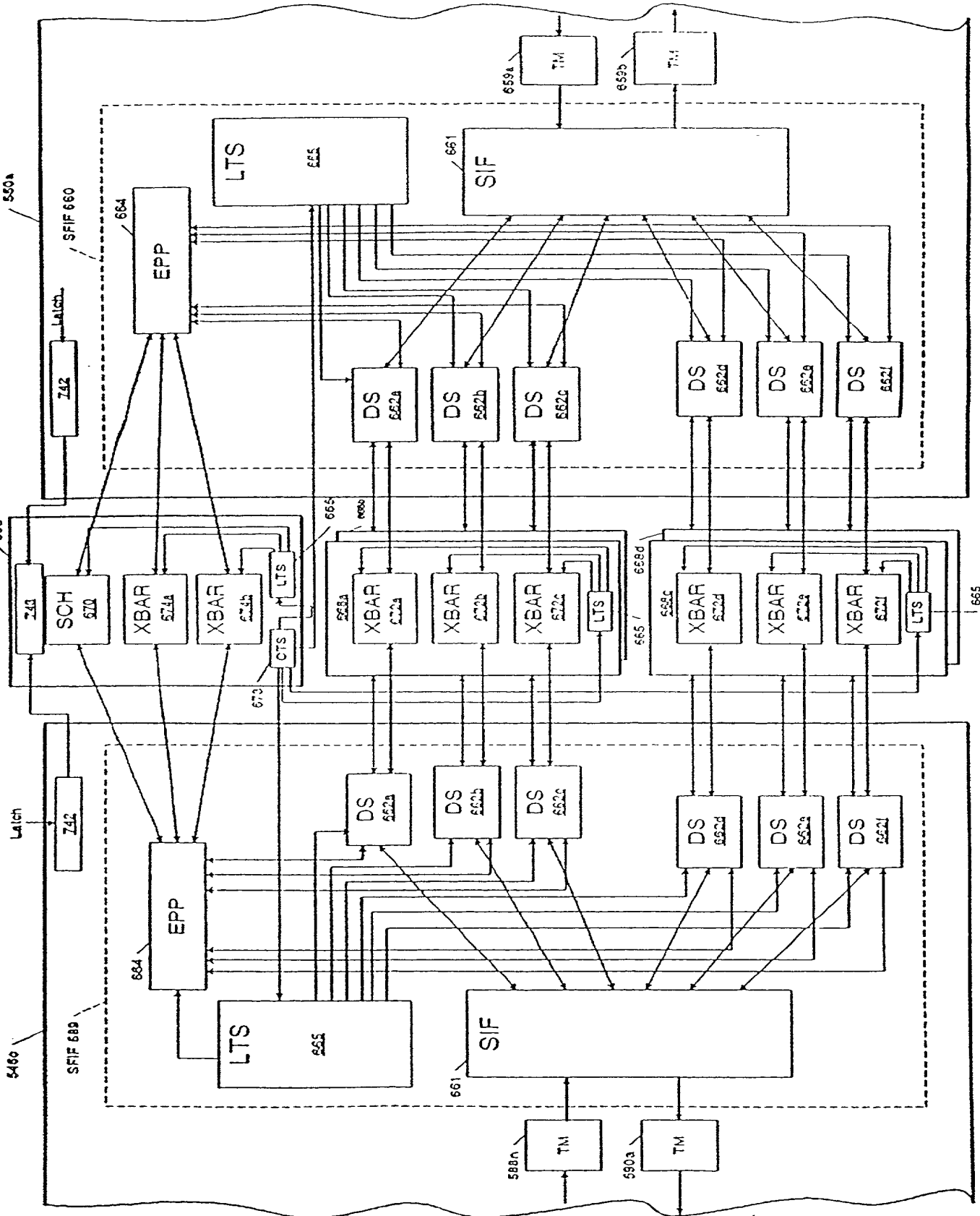


FIG. 44

540

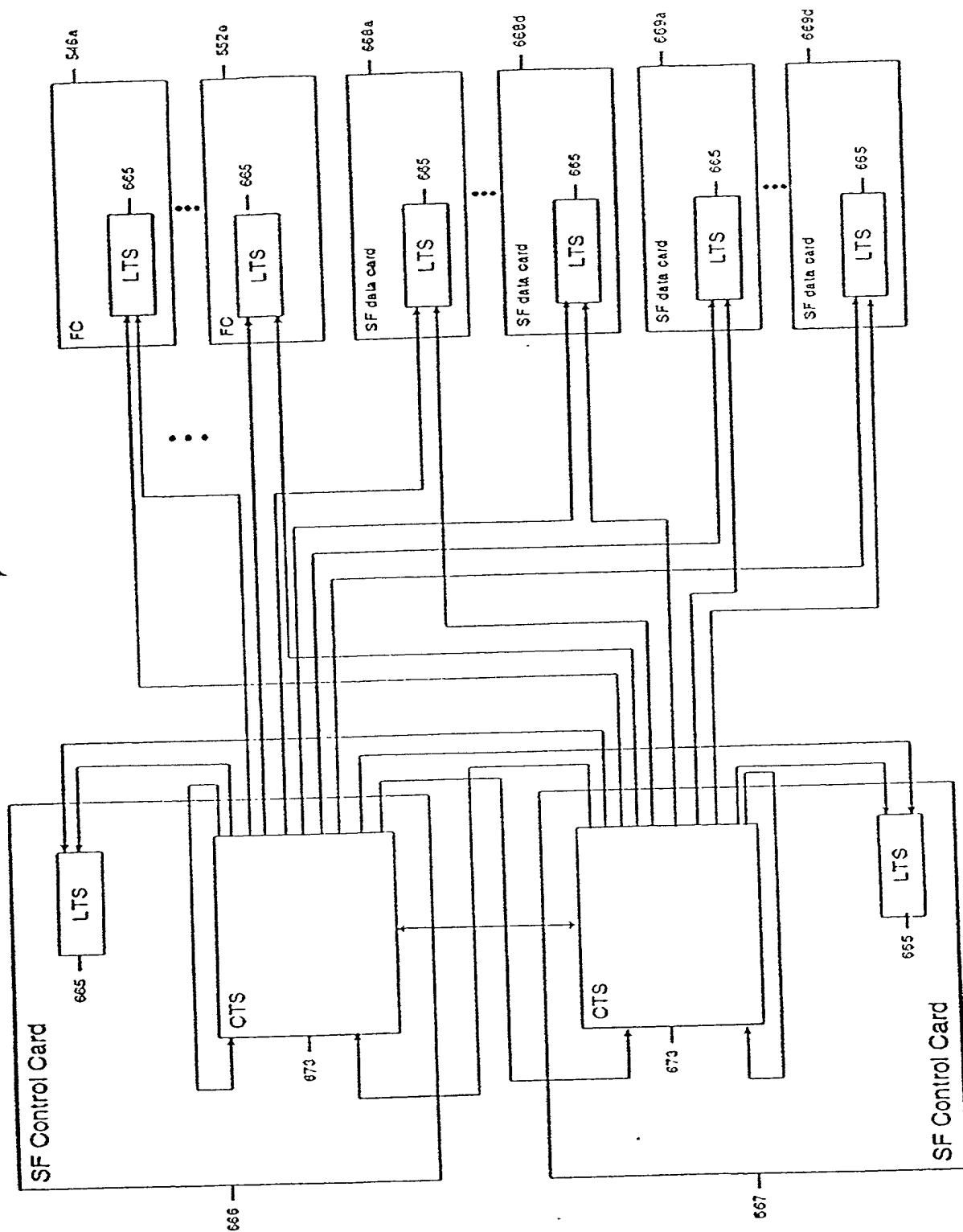
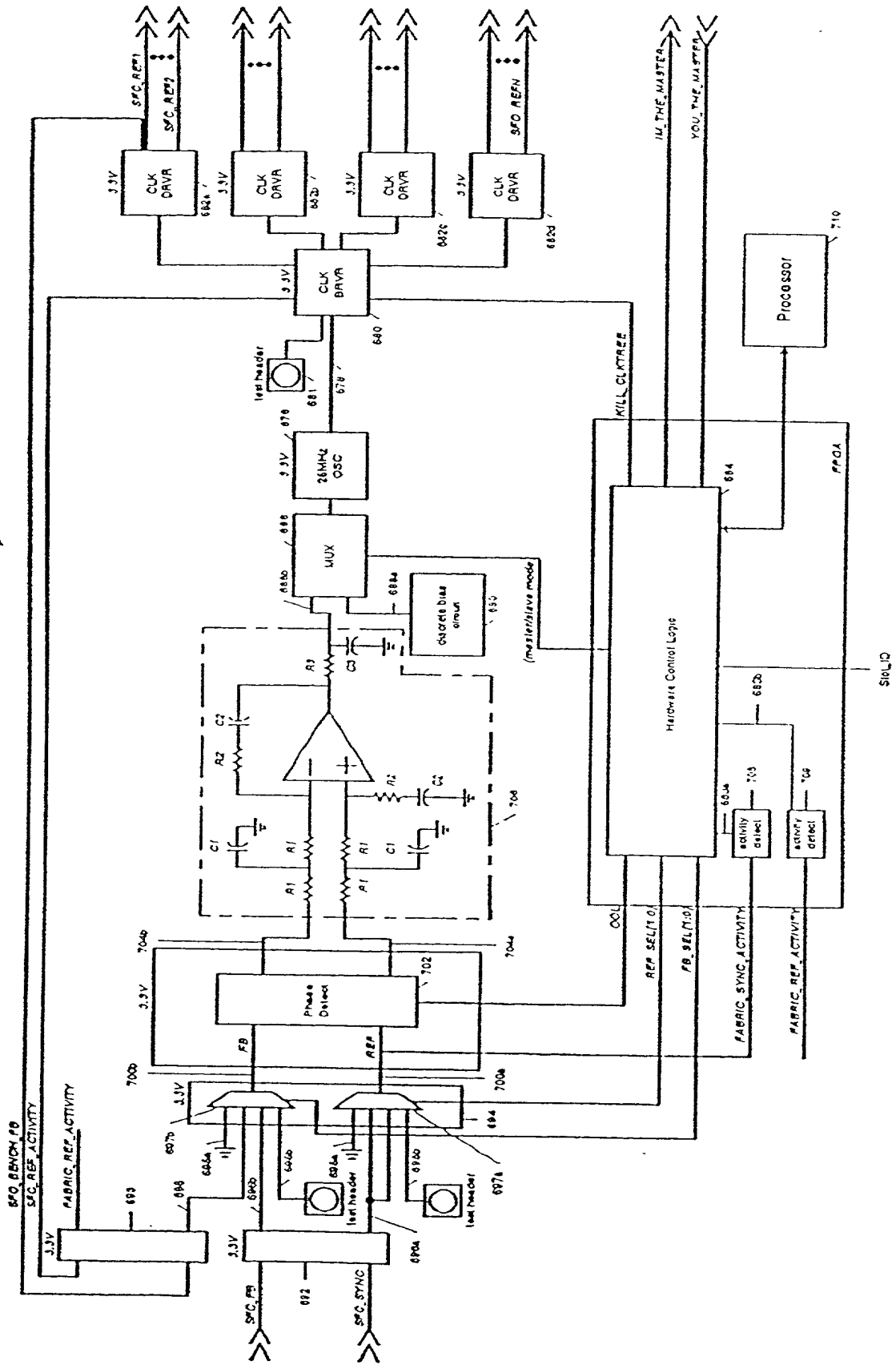


FIG. 44

CTS 673



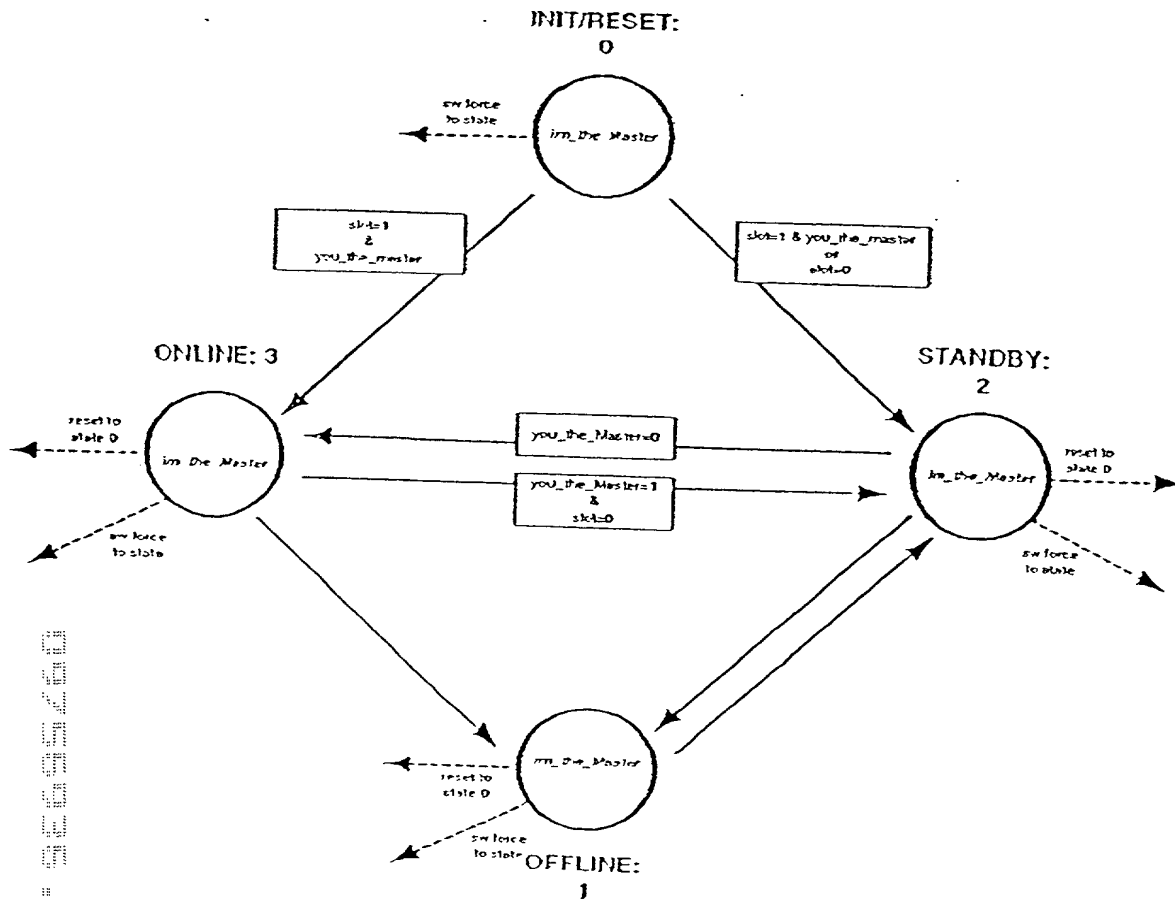


FIG. 46

559

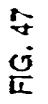


FIG. 47



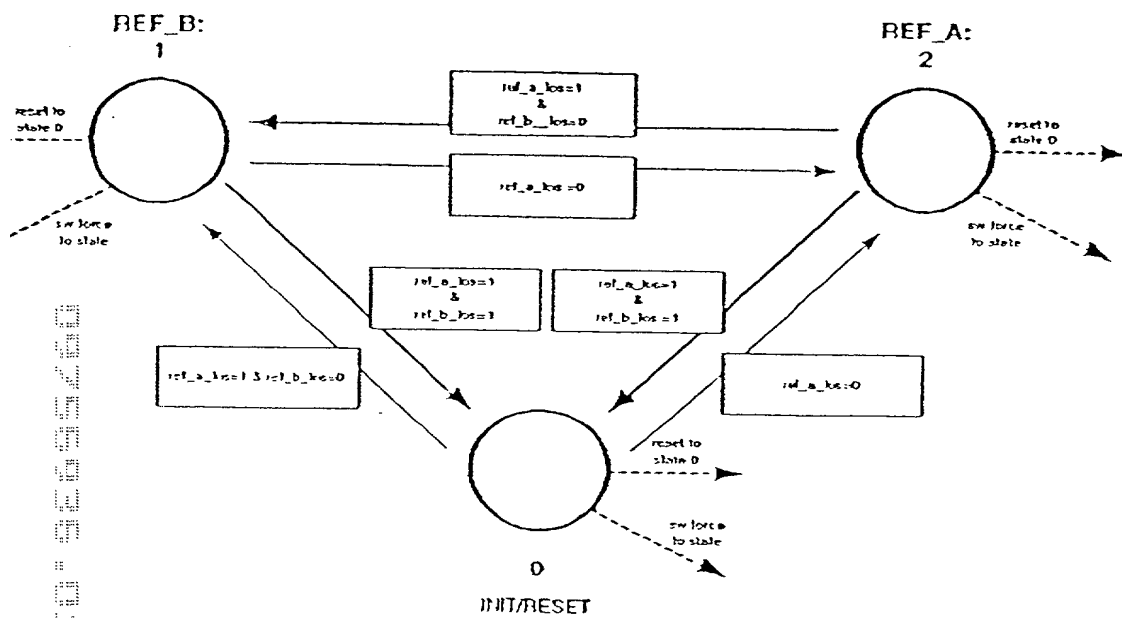


FIG. 48

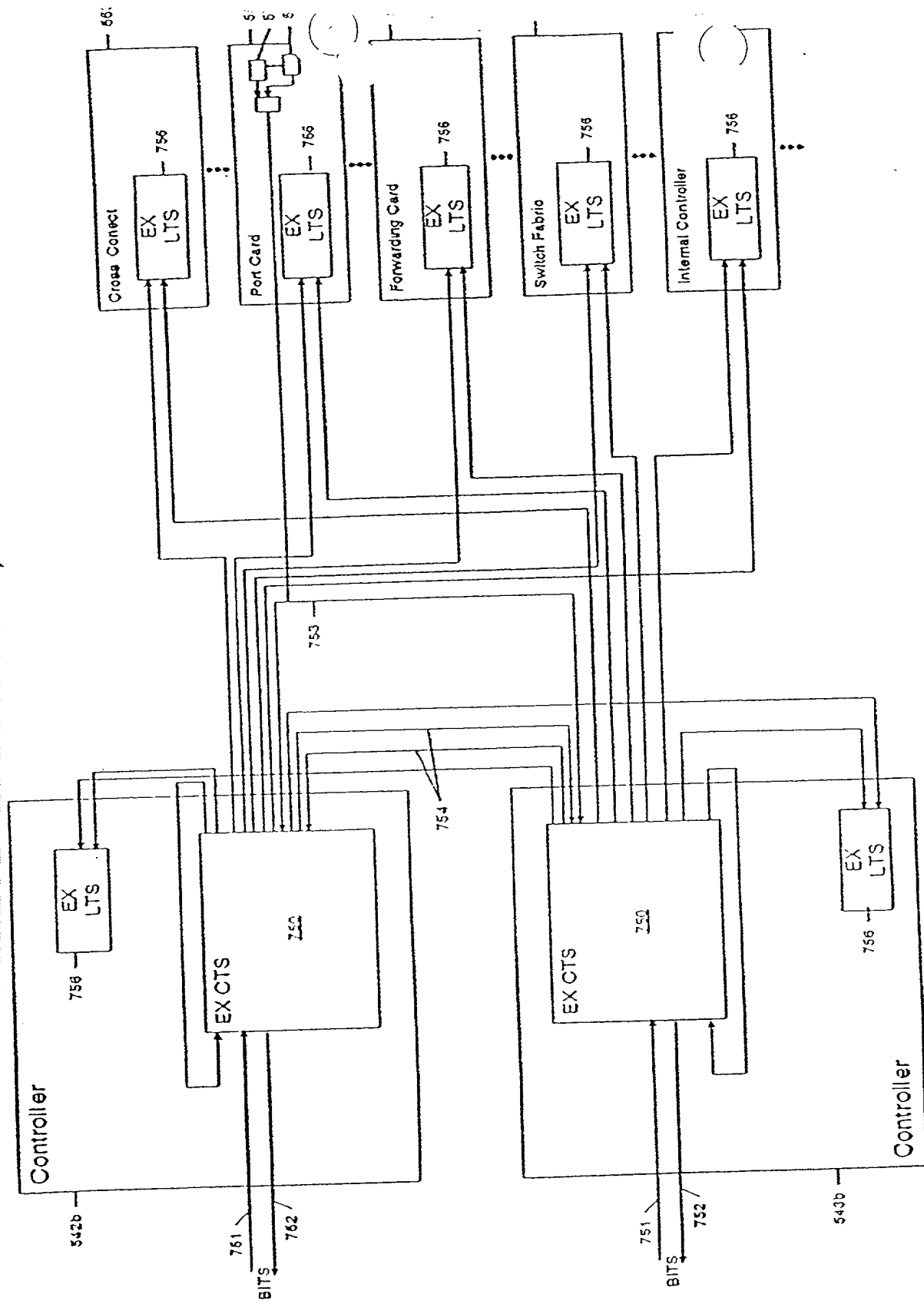




FIG. 50

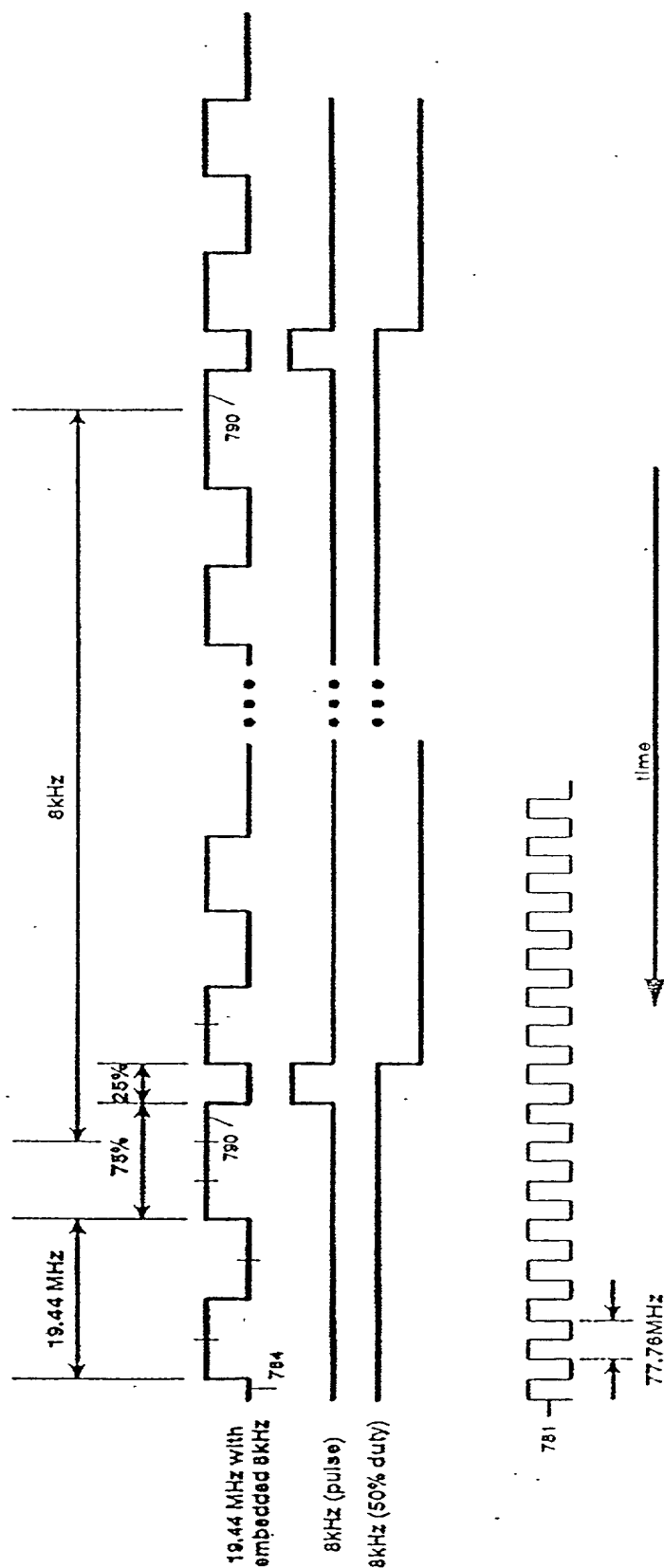


Fig. 51

792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000

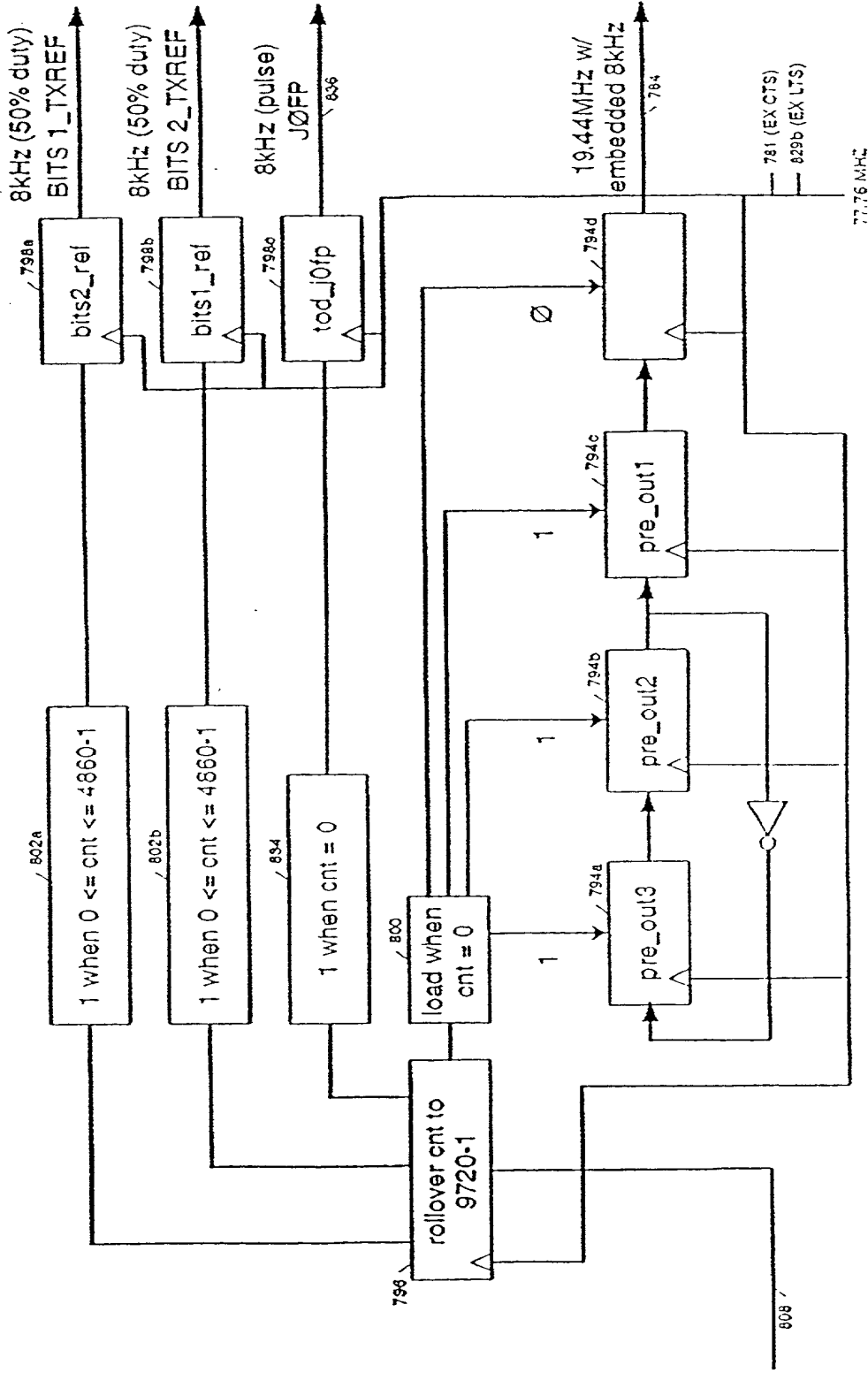
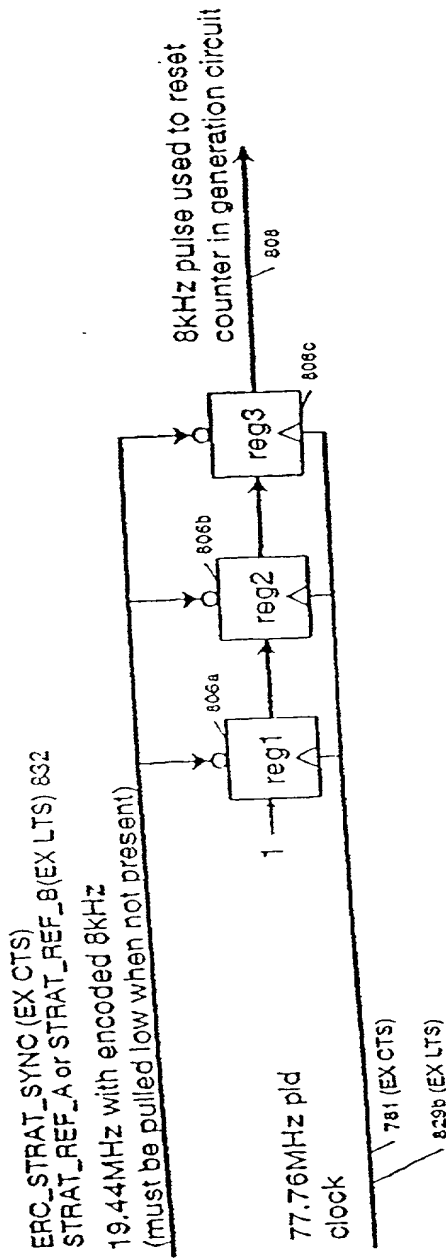


Fig. 52

FIG. 53

804



Extractor

FIG. 53

10075670-92695260

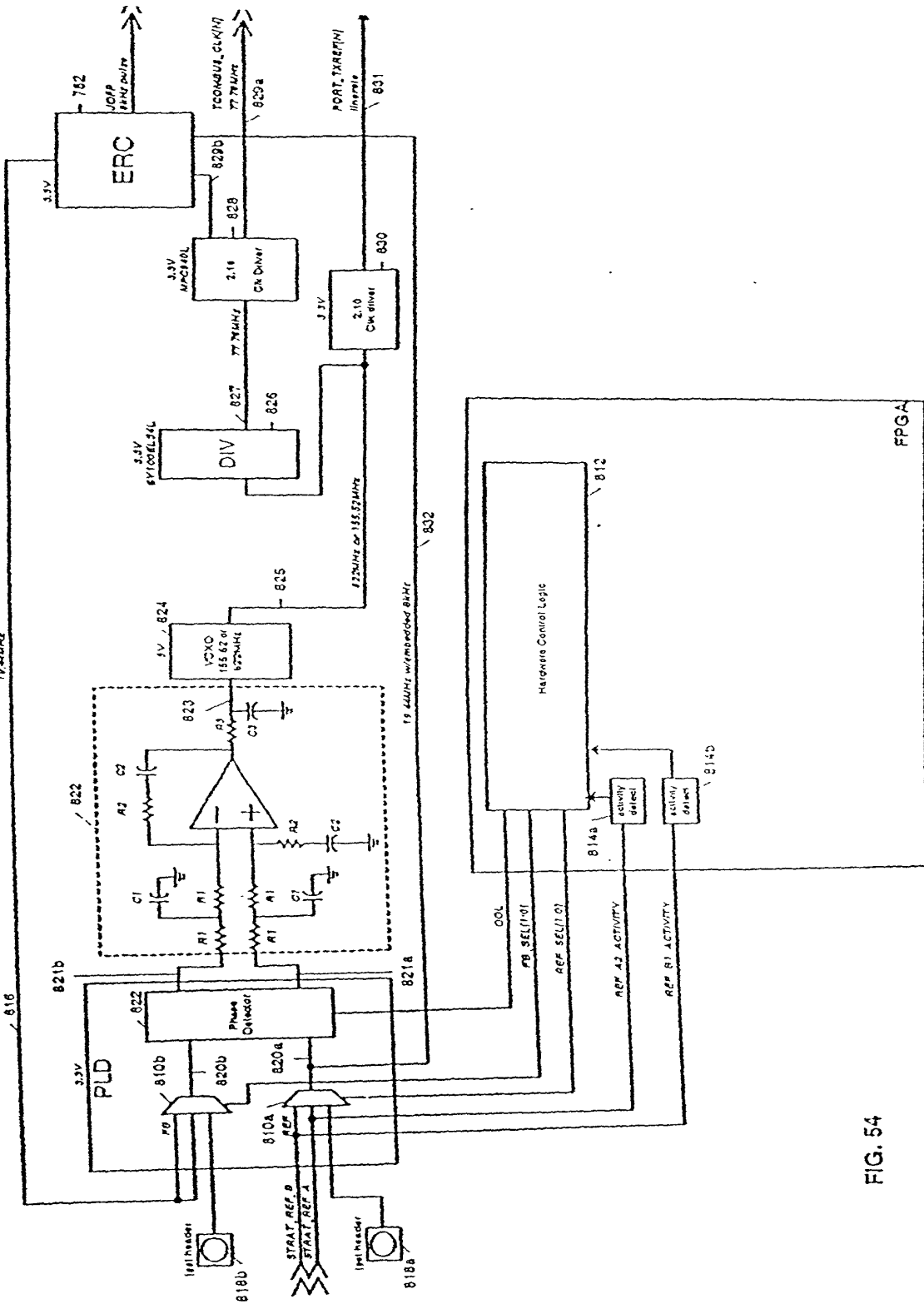
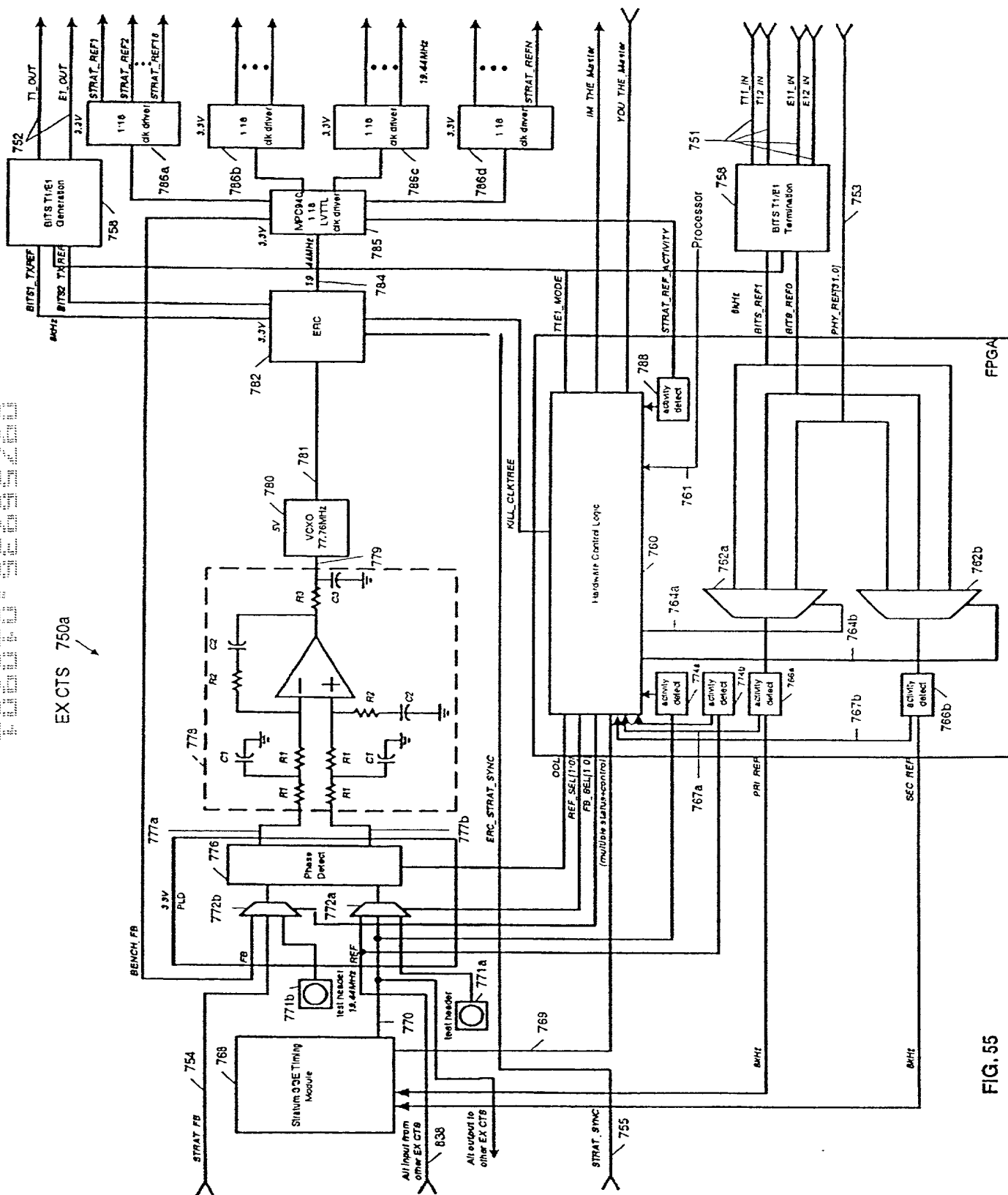


FIG. 54

[illegible]

EX CTS 750a



**FIG. 55**



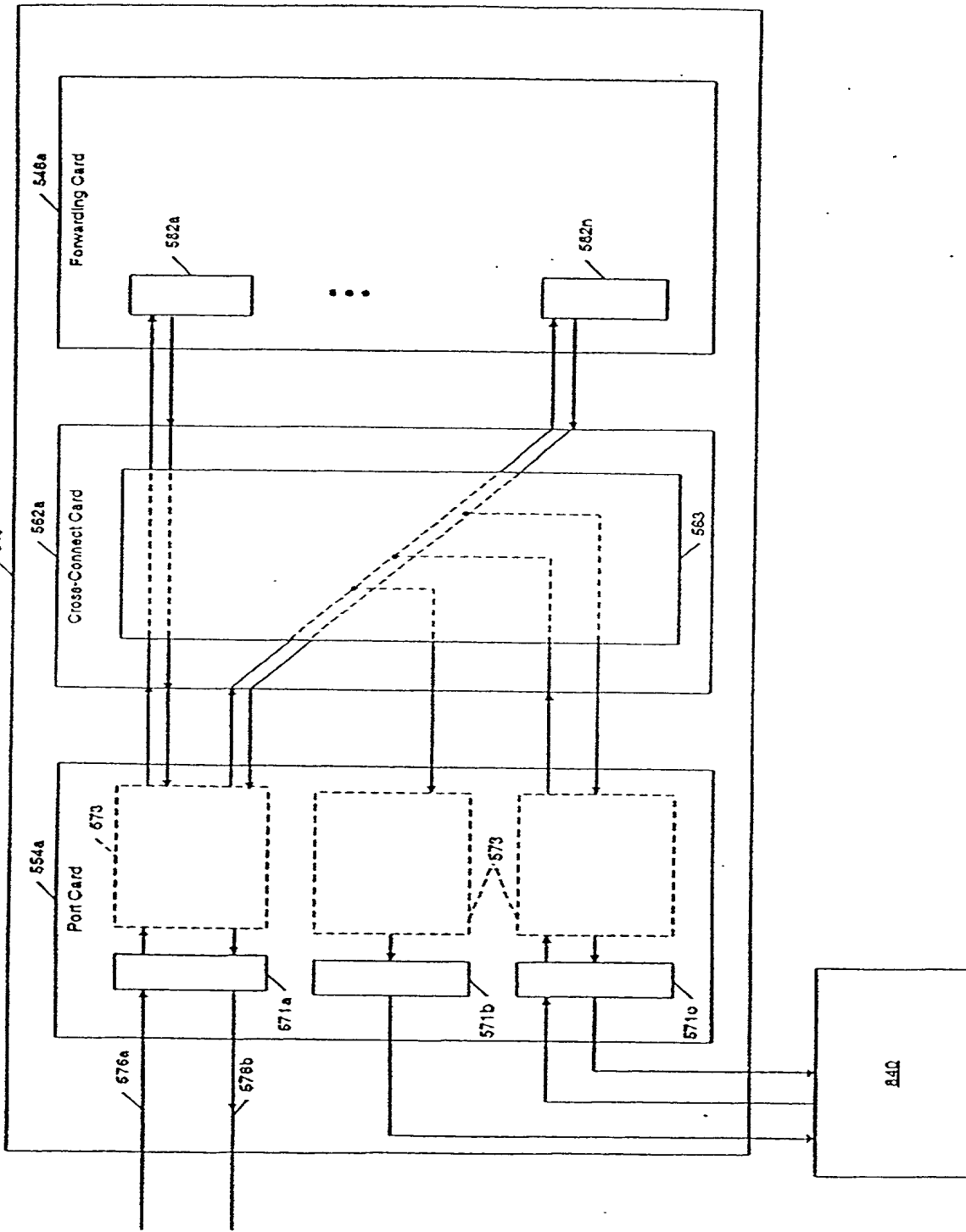


Fig. 56

FIG.57

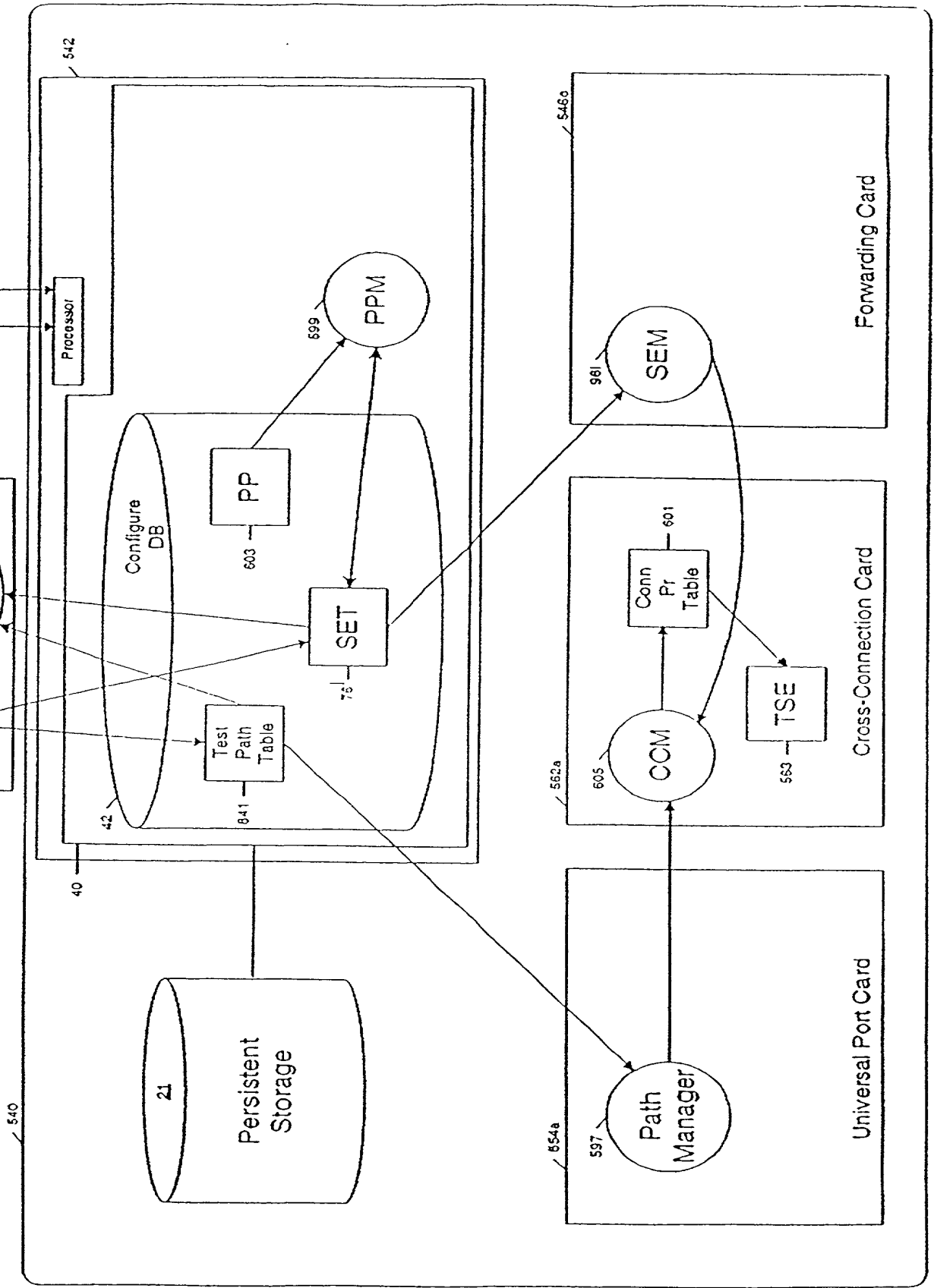


FIG. 58

Test Path Table 841

844		845				
Path LID	UP Port LID	Time Slot	# of Time Slots	Monitor	Enable Port Receiver	...
842 — 1666	1232	4	3	Ingress	No	
843 — 1666	1233	4	3	Egress	No	
844 — 1666	1233	4	3	Ingress	Yes	
•	•	•	•			•
•	•	•	•			•

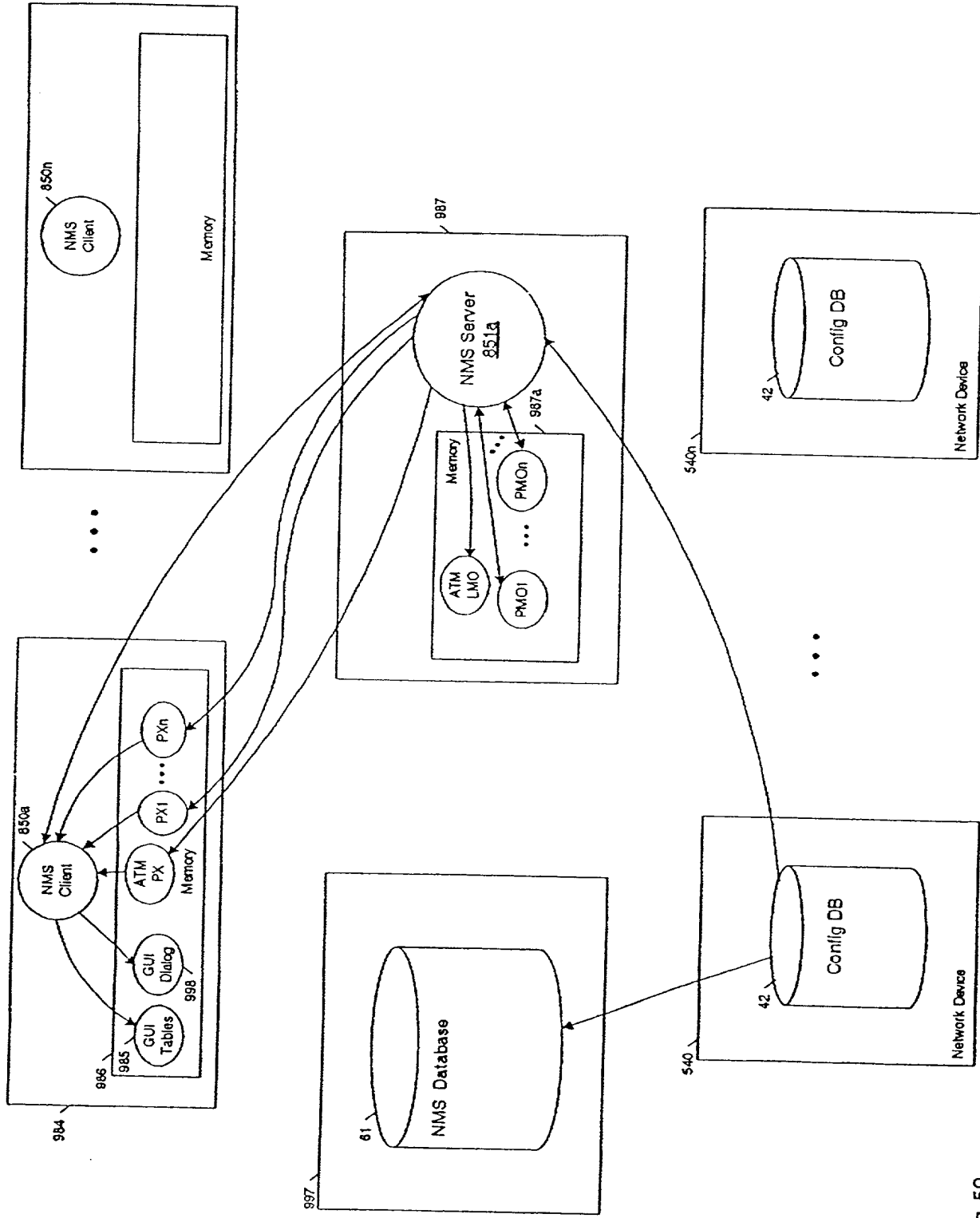


Fig. 59

Fig. 60a

Managed Device Table

983b	PID	A1	...	An	← 983
	1				983a

Fig. 60b

Chassis Table

988b	PID	A1	...	An	988c	Managed Device PID	988
	1					1	988a
	⋮	⋮	⋮	⋮		⋮	

Fig. 60c

Shelf Table

989a	PID	A1	...	An	989	Chassis PID	989b
	3					2	
	4					2	
	⋮	⋮	⋮	⋮		⋮	
	18					2	

Fig. 60d

Slot Table

990a	PID	A1	...	An	990	Shelf PID	990b
990c	20					3	
	21					3	
	⋮	⋮	⋮	⋮		⋮	
990d	116					18	

CARD TABLE

47a	47b			47c
	PID	CWD TYPE	VERSION NO.	
	120	0XF002	3	20
	121	0XF002	4	21
	•	•	•	•
	•	•	•	•
	124	0X6002	1	24
	•	•	•	•
	•	•	•	•
	131	0XF002	1	31
	•	•	•	•
	•	•	•	•

FIG. 60e

PORT TABLE

49a	49b			49c
	PID	PORT TYPE	VERSION NO.	
	300	00620	1	20
	301	00620	1	20
	302	00620	1	20
	303	00620	1	20
	304	00820	1	20
	:	:	:	:
	400	00620	1	39
	:	:	:	:

FIG. 60f

FIG. 60g

SONET Path Table 600

600a Path LID	Port PID	Time Slot	# of Time Slots	...
901	304	4	3	
...	...	...	...	...

TABLE 600g



FIG. 60h

Service EndPoint Table 76"

76a	76c	76d	76e	76b	
SE LID	FC PID	FC Slice PID	FC Time Slot	Path LID	...
3000				901	
...	...	...	...	...	...
...	...	...	...	...	...

Fig. 60i

ATM IF Table

ATM IF LID	ATM Group LID	SE LID	...
5054		3000	...
⋮	⋮	⋮	...

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Fig. 60j

Virtual ATM IF Table

993a	LID	A1	...	An	ATM IF LID	993b
	7489				5054	
	⋮	⋮	⋮	⋮	⋮	

Fig. 60k

Virtual Connection Table

994a	LID	A1	...	An	Vir. ATM IF LID	994b
	⋮	⋮	⋮	⋮	⋮	

Fig. 60L

Virtual Link Table

995a	LID	A1	...	An	995b Vir. Conn. LID	995c Cross-Conn. LID	995
	⋮	⋮	⋮	⋮	⋮	⋮	

Fig. 60m

Cross-Connect Table

996a	LID	A1	...	An	966b Vir. Link1 LID	966c Vir. Link2 LID	996
	⋮	⋮	⋮	⋮	⋮	⋮	

Fig. 61a

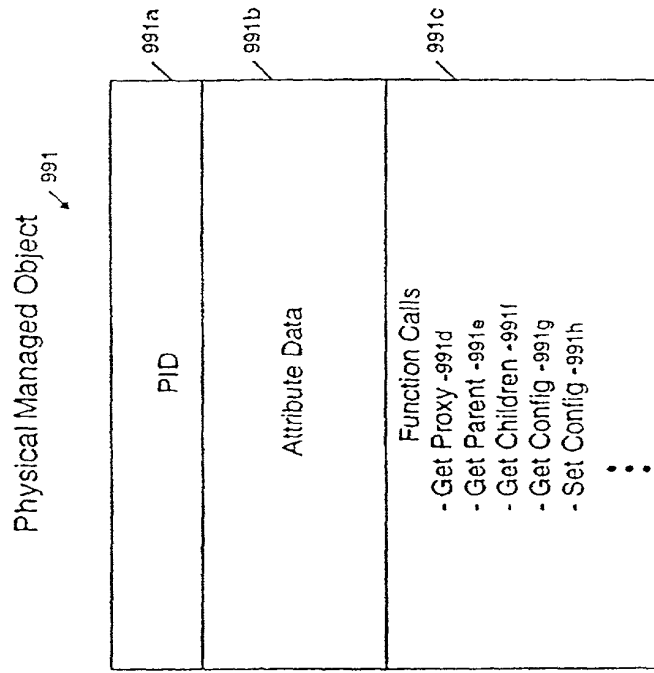
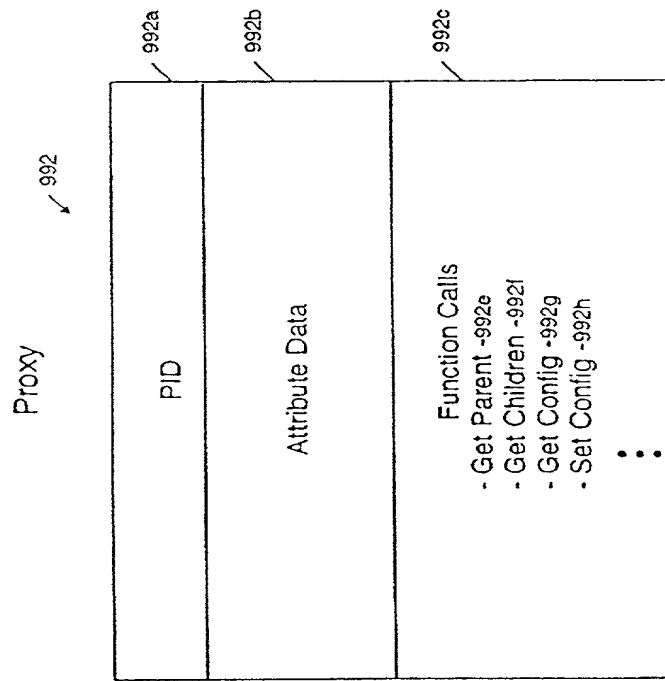
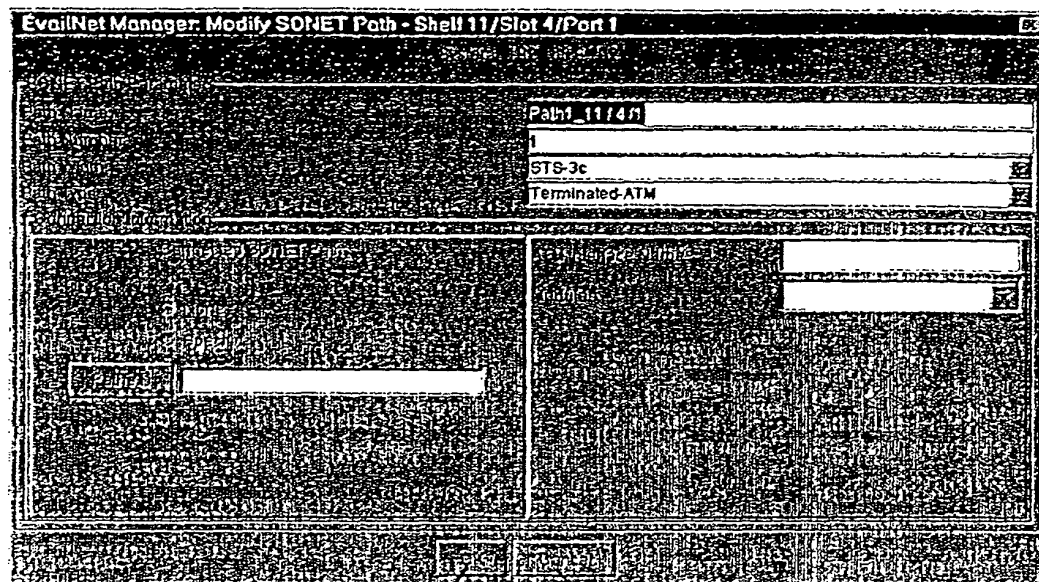


Fig. 61b





998b

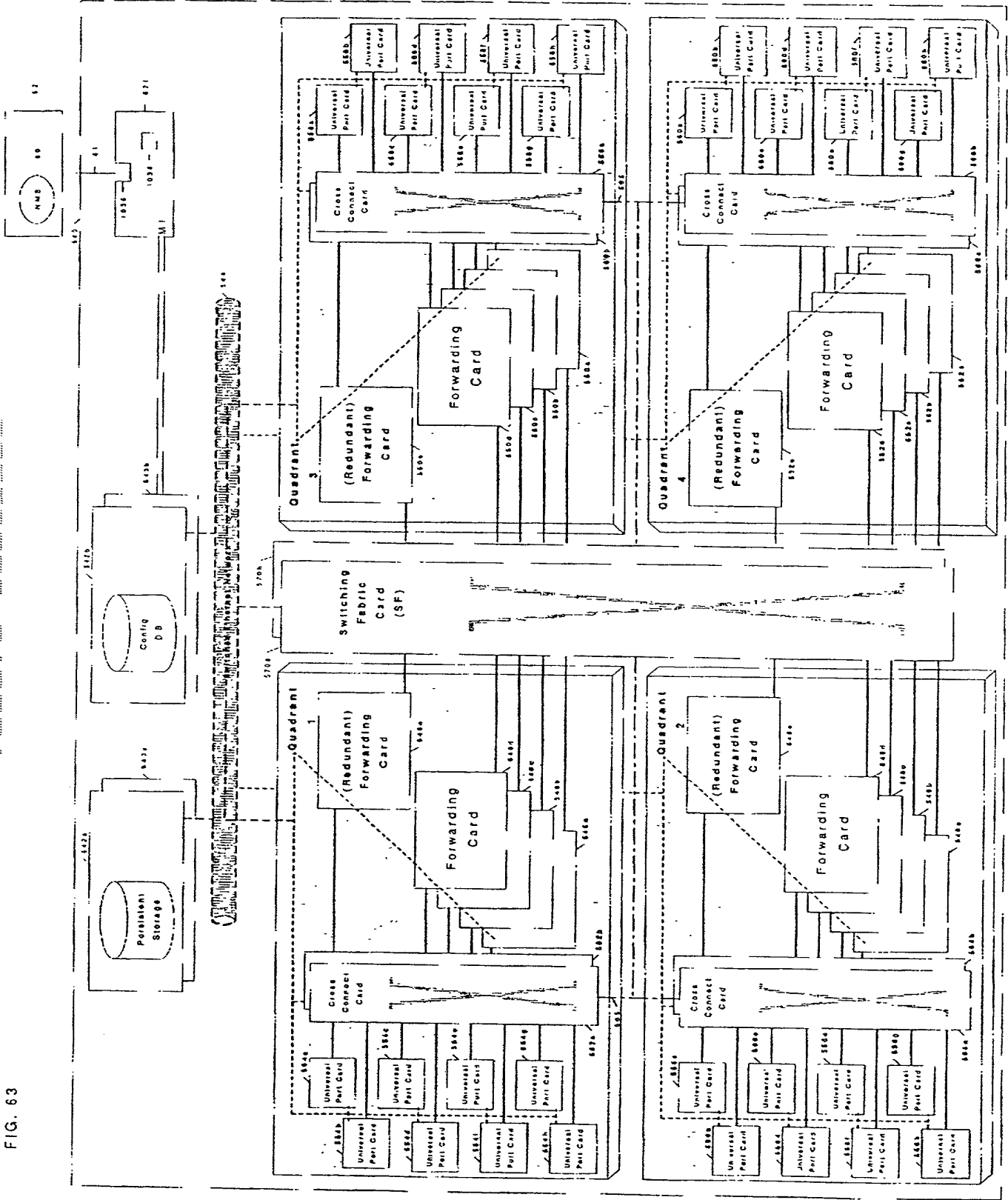
997a

Fig. 62

09756936-040004

UNCLASSIFIED//FOR OFFICIAL USE ONLY

FIG. 63



Sent By: Equipe Communications;

781 795 2031;

Nov-3- 5:18PM;

## Administration Managed Device Table

LID	Host Address	Port Address	Retry	Timeout	Admin. Password	Prov. Password	Viewer Password	Physical ID	Physical ID
9046	192.168.9.202	1521			team 1	team 2	team 3		
.	.	.	:	:	:	:	:	:	:
.	.	.	:	:	:	:	:	:	:



FIG. 65

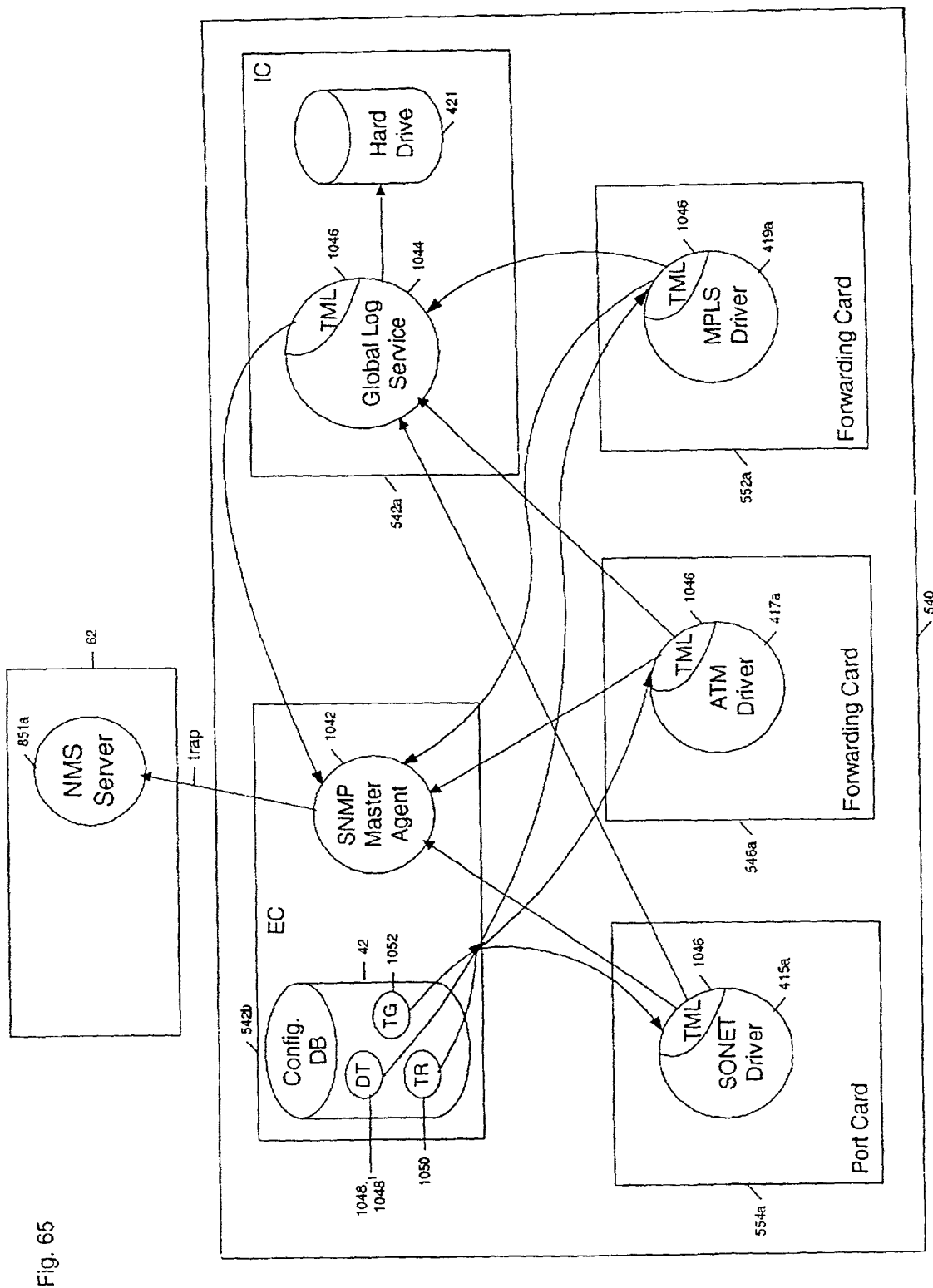


Fig. 65

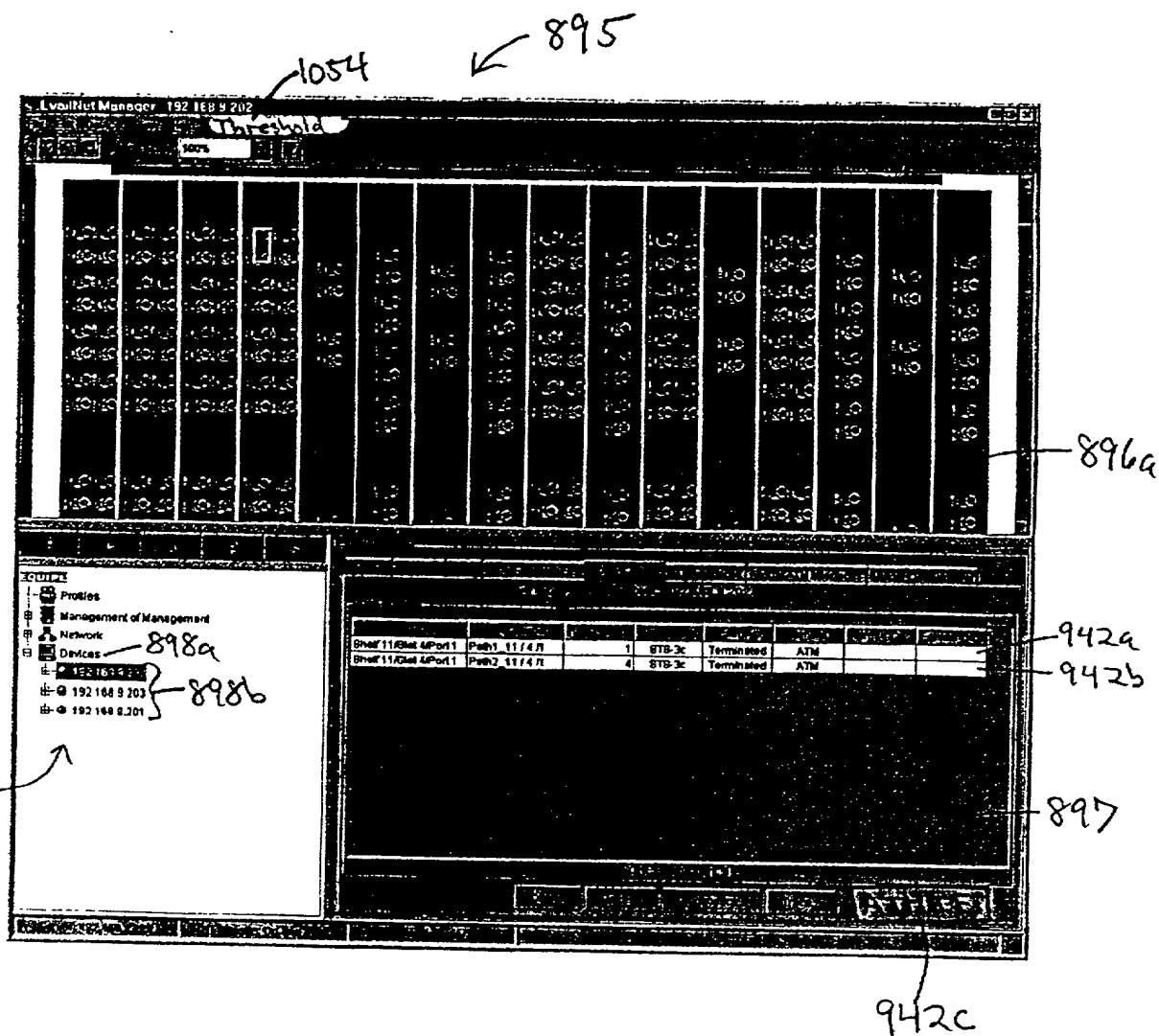


Fig. 66a

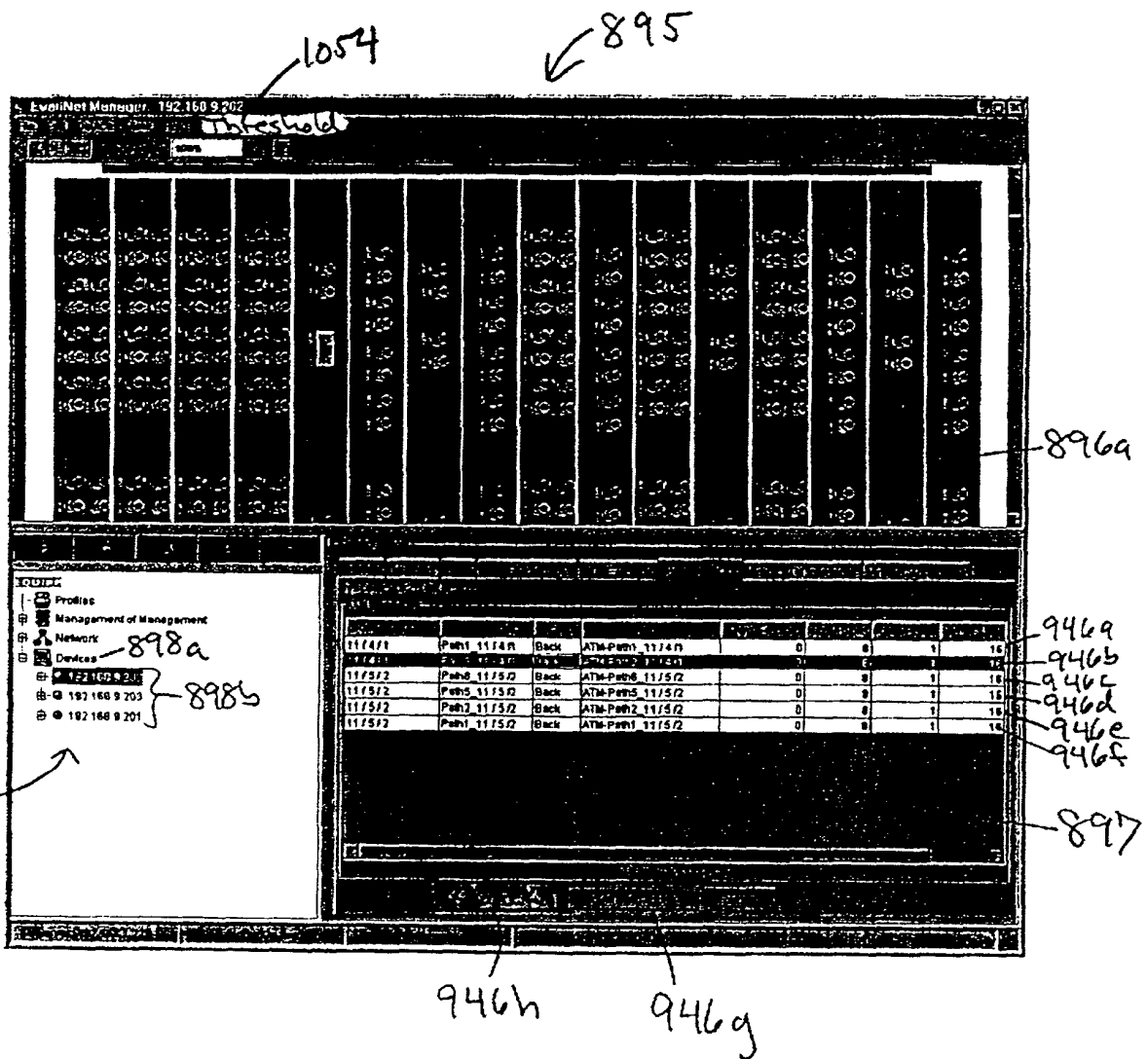


Fig. 66b

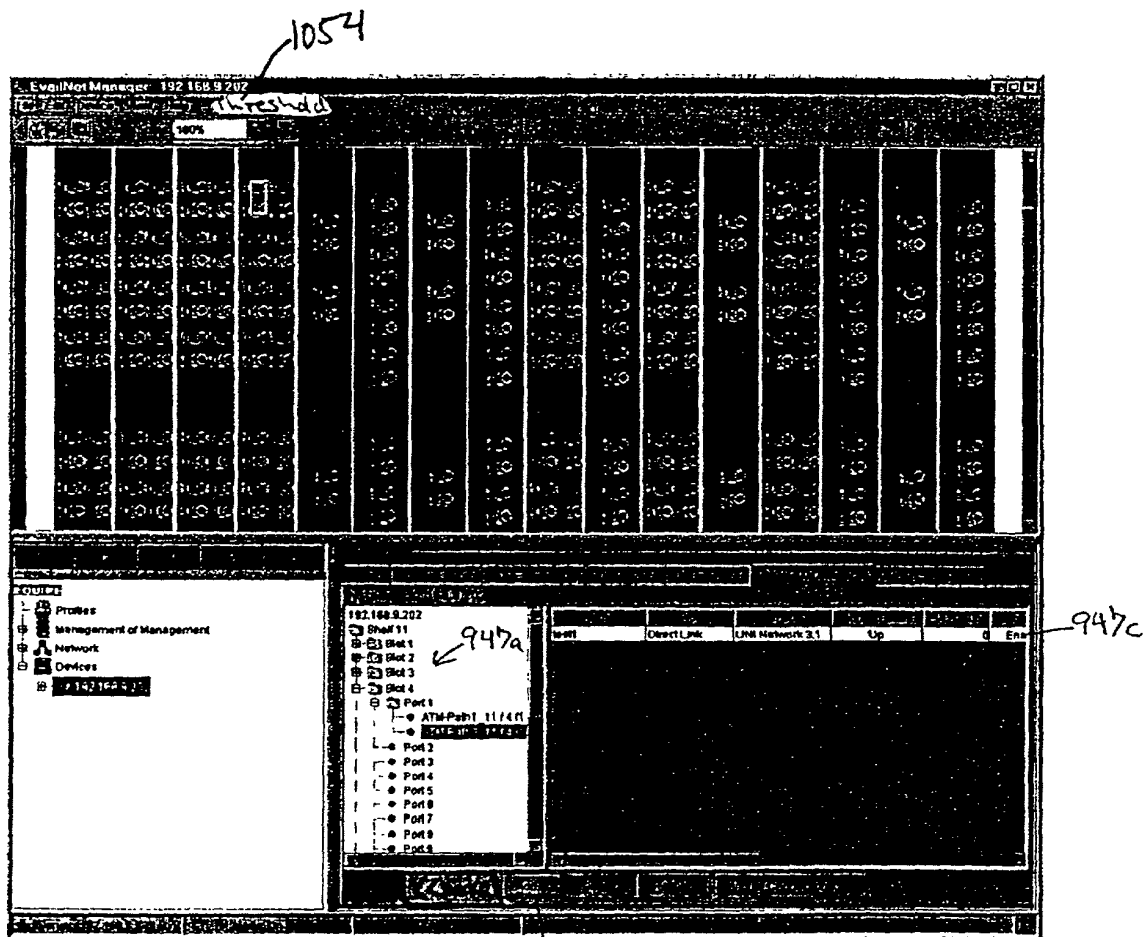


Fig. 66c

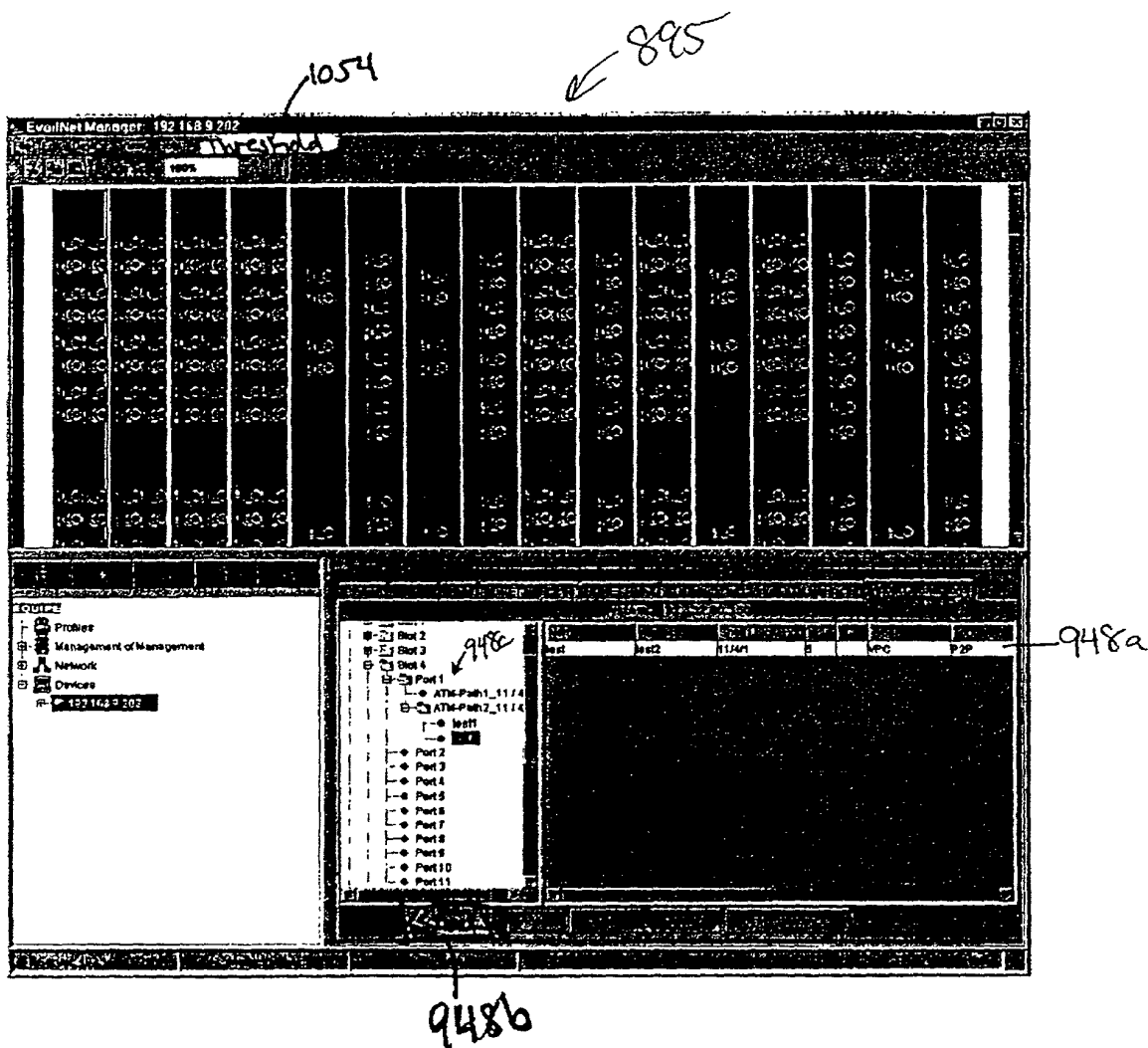


Fig. 66d

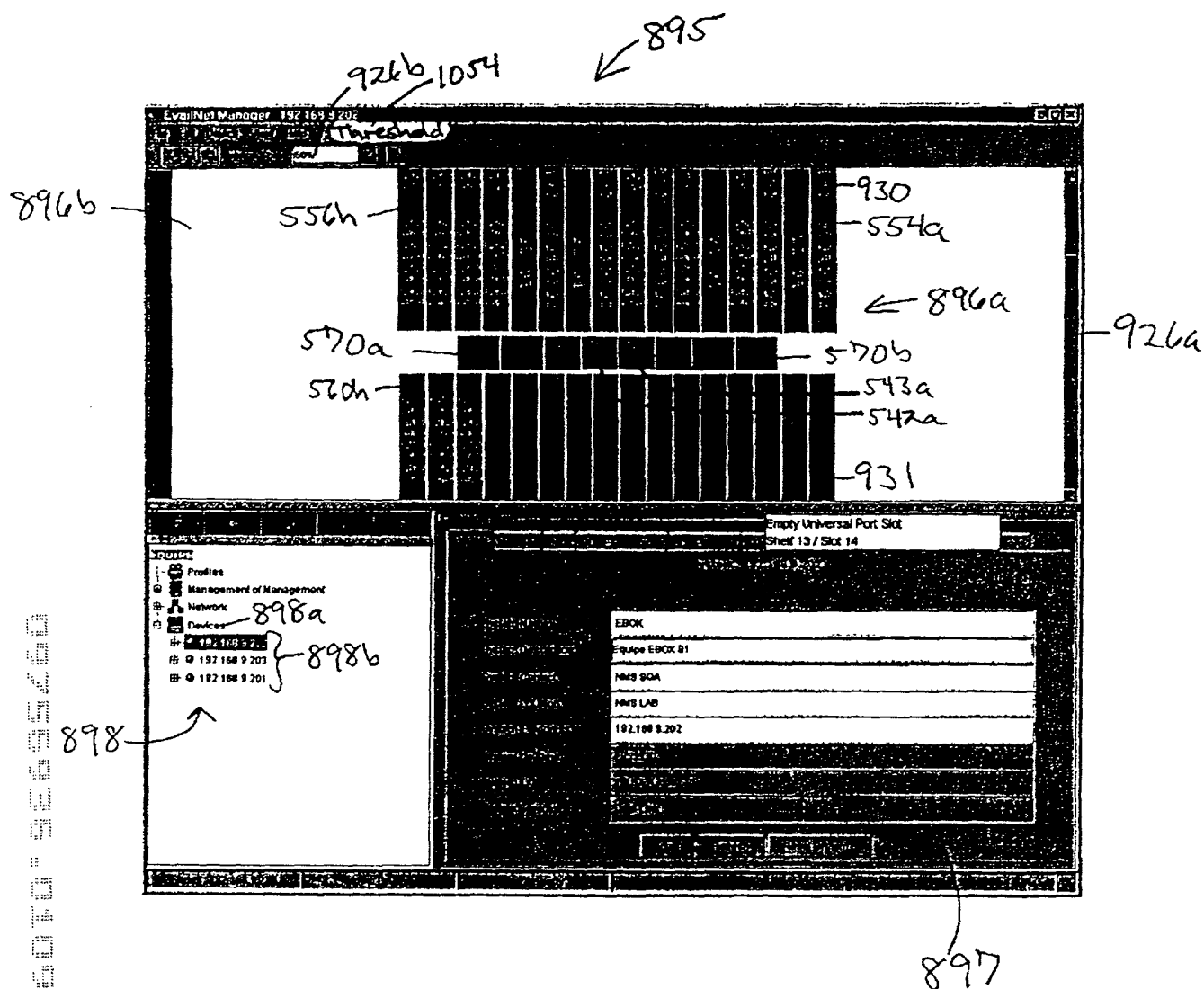


Fig. 66e

Fig. 67

1056

Threshold Dialog Box

1056aResource:

1056bAttribute:

1056cThreshold Rule:

1056dSampling Frequency:

1056dAction:

1056o☐ Log

1056n☐ NMS

1056pOK

Cancel

1056j

1056k

1056L

1056m

1056f

1056g

1056h

1056i

Fig. 68

Dynamic Threshold Table

1048  
↙

1048a Resource ID	1048c Attribute	1048d Sampling Freq.	1048e Action	1048f Rule
1048g — 901	Unavailable Seconds (Path end)	15 min	Log	if attribute > 10
901	Path Errors (path end)	15 min	trap	if attribute <5 or >10
901	Path Errors (path end)	5 min	Log & trap	if attribute <5 or >10
⋮	⋮	⋮	⋮	⋮
5054	failed call attempts	10 min	trap	if attribute >8 between 8:00am-7:00pm or >2 between 7:00pm-8:00am
1048h — 5054	hcs errors	12 min	trap	if attribute >13
⋮	⋮	⋮	⋮	⋮
7312	Rx Traffic	1 hour	trap	if attribute <4
7312	Tx Traffic	1 hour	trap	if attribute =Ø
⋮	⋮	⋮	⋮	⋮

00765935-0000  
200010-9095260



1048

Dynamic Threshold Table

1048a' Thr. Group LID	1048b' Resource	1048c' Attribute	1048d' Sampling Freq.	1048e' Action	1048f' Rule
		Unavailable Seconds (Path end)			
8312	SONET Path		15 min	Log	if attribute > 10
8312	SONET Path	Path Errors (Path end)	15 min	trap	if attribute <5 or >10
8312	SONET Path	Path Errors (far end)	5 min	Log & trap	if attribute <5 or >10
•	•	•	•	•	•
•	•	•	•	•	•
	ATM If	failed call attempts			if attribute >8 between 8:00am-7:00pm or >2 between 7:00pm-8:00am
8433	ATM If	hcs errors	10 min	trap	
•	•	•	•	•	•
•	•	•	•	•	•
	Virtual Conn.	Rx Traffic	1 hour	trap	if attribute <4
8542	Virtual Conn.	Tx Traffic	1 hour	trap	if attribute =0
•	•	•	•	•	•
•	•	•	•	•	•

Fig. 69a

Fig. 69b

1052a

Threshold Group Table

1052b

Resource ID	Threshold Group LID
901	8312
902	8313
903	8312
⋮	⋮
5054	8433
⋮	⋮
7312	8542



Fig. 70b

1050

Threshold Rule Table

1050a	Rule LID	Expression	1050b
1050c	9421	if attribute >a	
	9422	if attribute <a or >b	
	9423	if attribute > a between b-c or >d between e-f	
	9424	if attribute <a	
	9425	if attribute =0	
	9426	RMON	
	9427	FOE	
	9428	if attribute <a go to rule LID b	
	⋮	⋮	

9421 9422 9423 9424 9425 9426 9427 9428



Fig. 72a

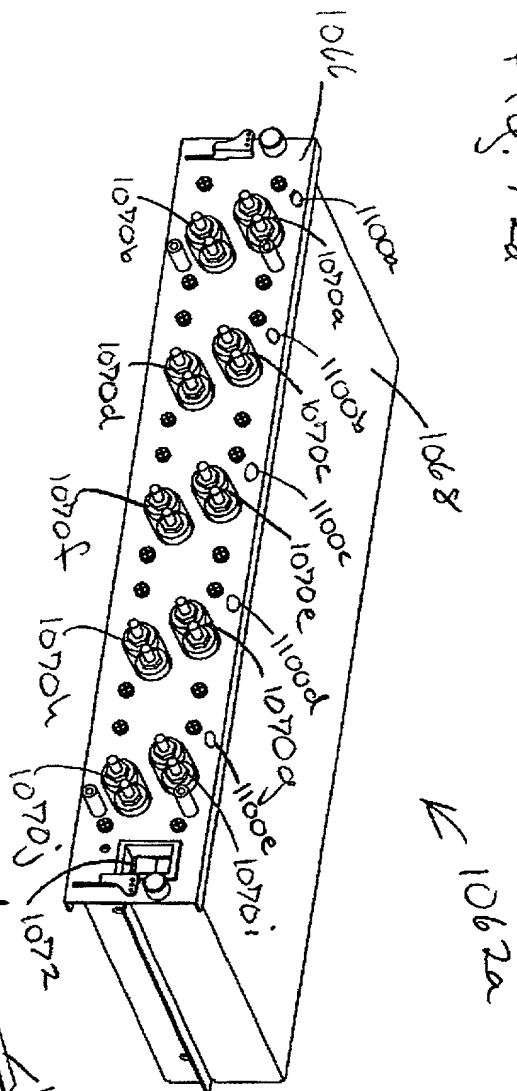


Fig. 72b

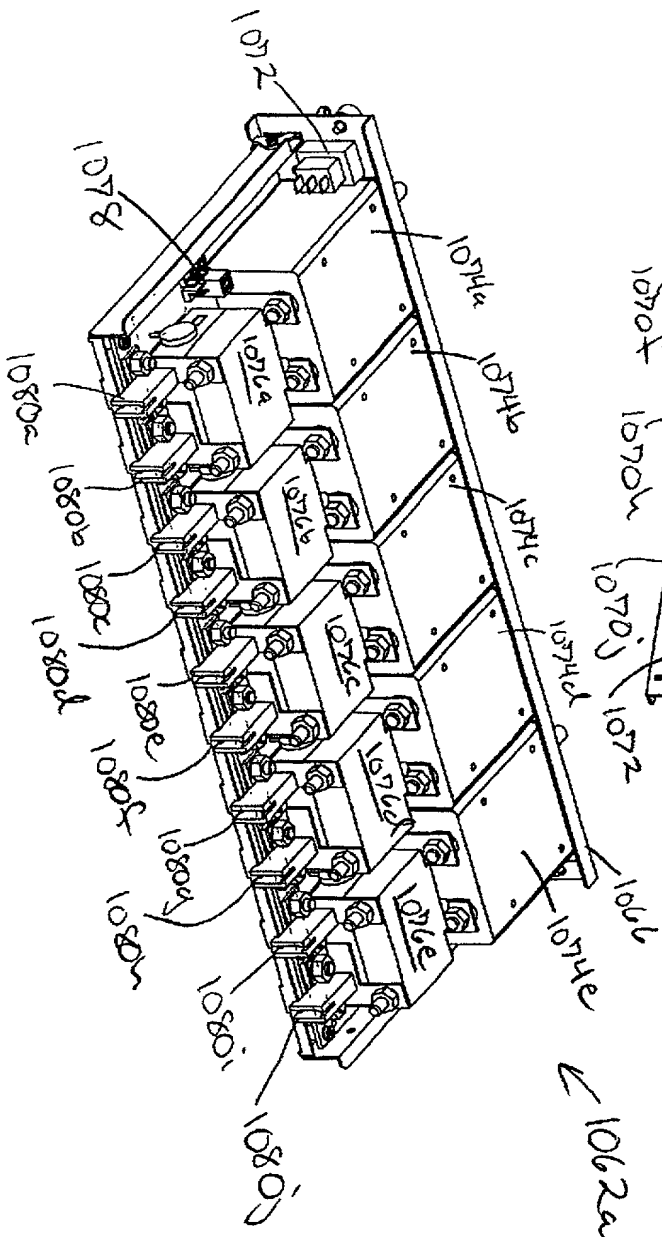


Fig. 73a

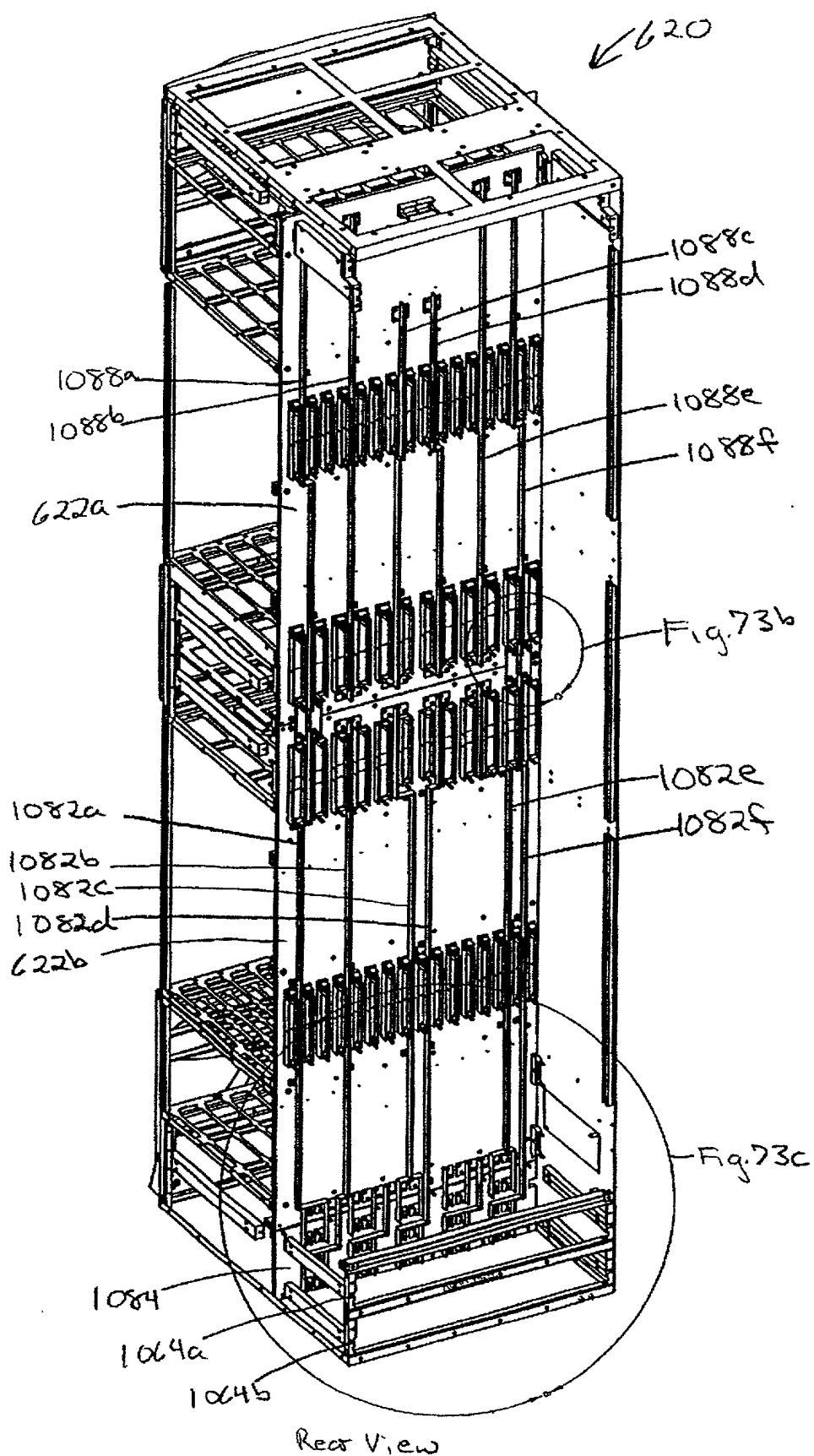


Fig. 73b

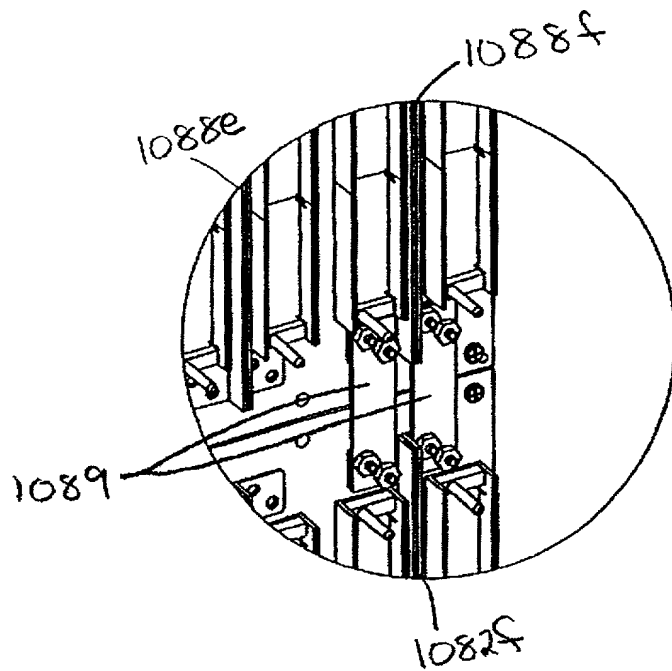
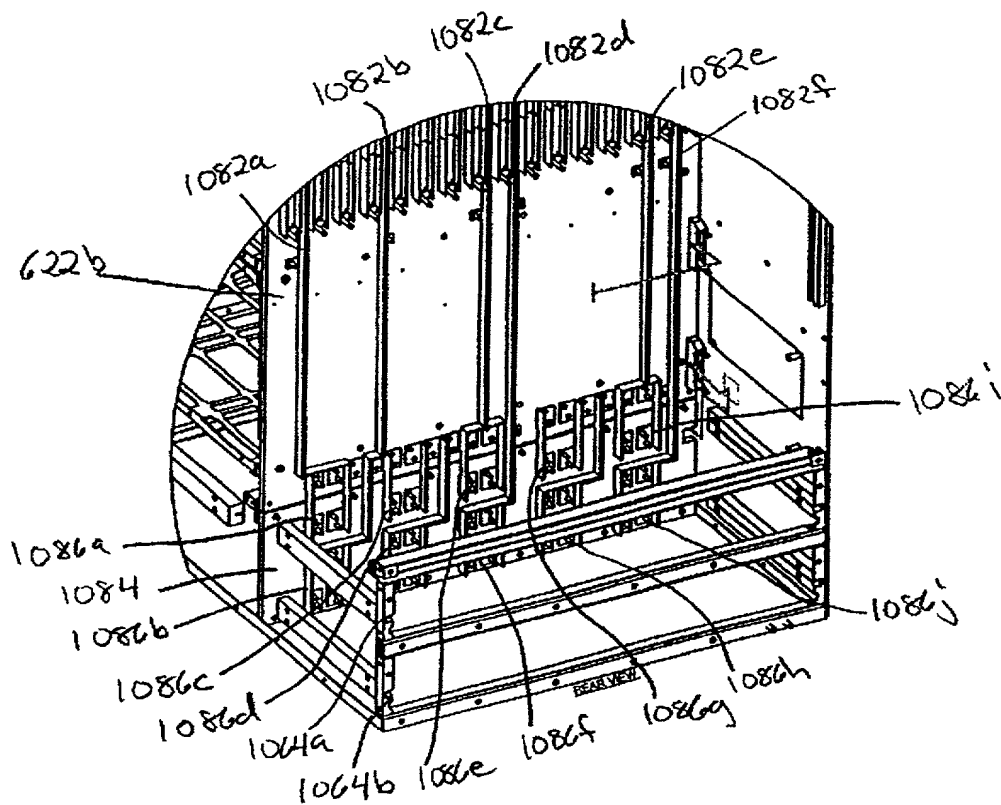


Fig. 73c



100755936-010001



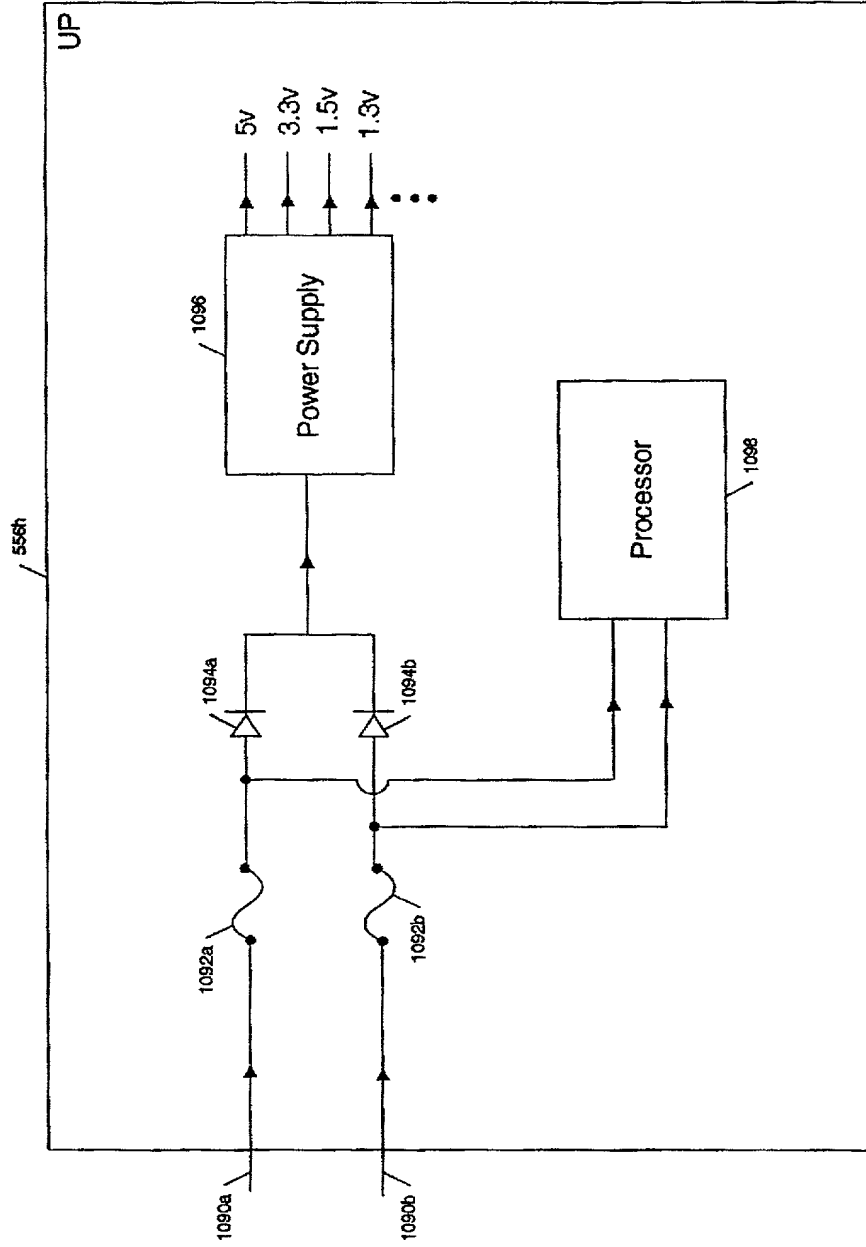


Fig. 74